Vol. XXII. Part 9.

NATIONAL MUSEUM OF VICTORIA

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The Journal of the Department of Agriculture of Victoria, Australia.

September, 1924.

PRINCIPAL CONTENTS

Standard Herd Test—Annual Report

Complete List of Tested Cows for the 1923-24 Season

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THE JOURNAL

OF

THE DEPARTMENT OF AGRICULTURE,

VICTORIA, AUSTRALIA.

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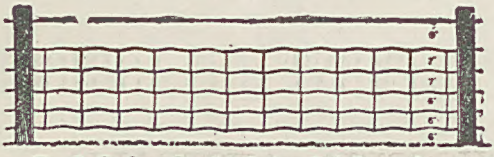

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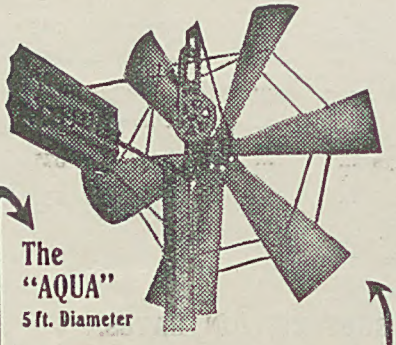

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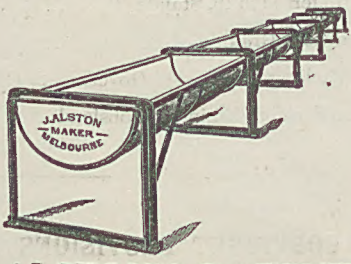

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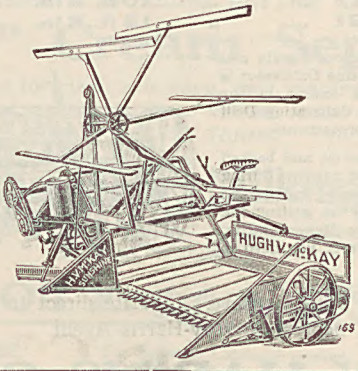

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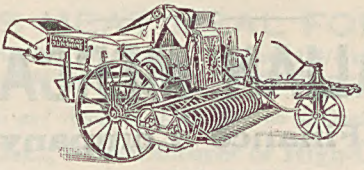

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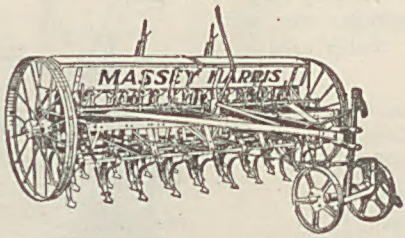

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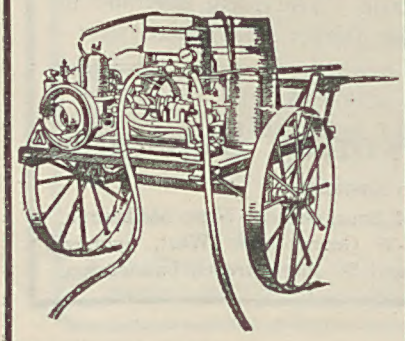

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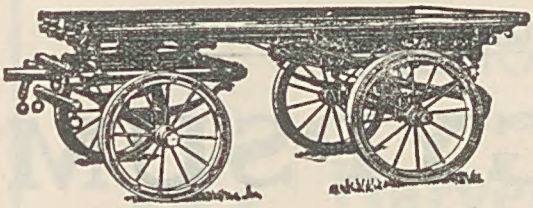

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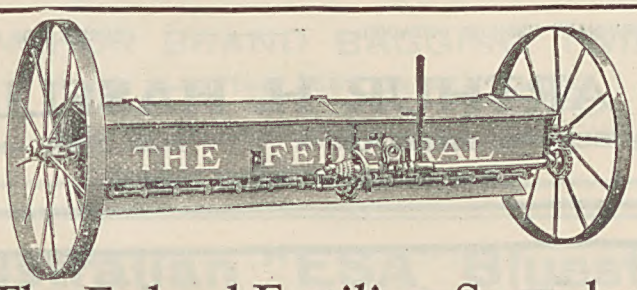

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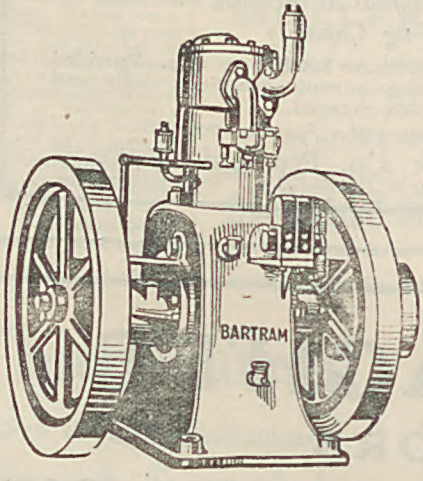

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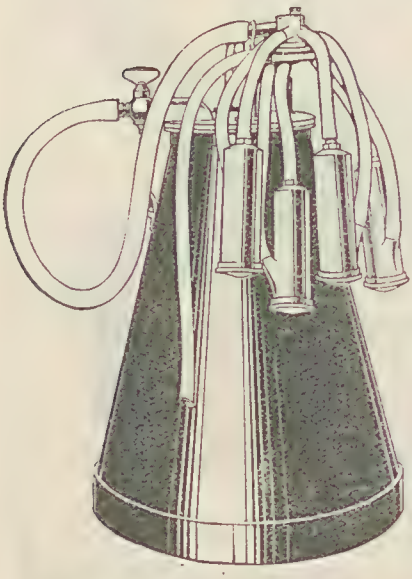

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THE STANDARD HERD TEST, 1923-24.

Conducted by the Department of Agriculture.

TWELFTH ANNUAL REPORT.

By J. M. Kerr, Senior Herd Tester.

Facts Favouring Dairying.

As an aftermath of the war the nations of the world are still in the throes of an economic stress, which is leaving no industry entirely unaffected. Whatever the result is to be, if the worst comes to the worst, one thing is certain—the industries that will suffer least are those which supply mankind's absolute necessities—food and clothing.

In the midst of all this existing unrest and future uncertainty, a people is particularly blest in possessing a country transcendently adapted by nature to produce the very best of foodstuffs and clothing material in tremendous quantity and at lowest possible cost. Such a people are we, the inhabitants of Australia; and particularly those occupying the parts which constitute the dairying districts of this particular State.

Dairy produce, meat, wheat, and wool are all natural products of Victoria, which have sprung into important industries by virtue of nothing but the country's eminent suitability for their production. Every one of these is practically a necessity of life. Of them all, none is in steadier and more permanent demand than dairy produce, and it is to such sources of efficient forms of sustenance that people must more and more restrict themselves if resources further diminish. The world's necessity is the dairyman's opportunity, and nowhere should the chance be better availed of than in Victoria. There is no country more naturally blest in all that makes for cheapness of production. Dairying

Messrs. Flack & Sewell's "Ardblair" Herd.
Winner of Prize for the Best Herd.

involves suitable cows conjoined with suitable land. Any nation can, in time, provide itself with the necessary class of cow, but only nature can provide the right class of land, associated with beneficence of climate as it is in the dairying districts of this State.

In the minds of many in the old country, who depend on hearsay for their information, Australia as a whole has come to be associated with the word "drought," magnified into a bogey. That is but one side of the story, and exaggerated at that. Why have they not been told at the same time of the benign temperatures which enable cattle to live the outdoor life night and day all the year round, making for health and vigour; of the proportion of four normal seasons to every dry one, when each season's rainfall is fully adequate for each farmer to grow twice the year's requirements; of the luxurious season of bounty, as regular as the dry one, which it usually succeeds, when every landholder, indolent and industrious alike, is meted out double measure? What more protection can any reasonable farmer want against one dry year than five years of plenty?

The big central region of Australia is certainly arid; it has never been pretended otherwise. But the State of Victoria compared with this is as the promised land was to the wilderness. The assertion can be made as truthfully as positively that no necessarily serious spell of dryness has ever visited the dairying districts of Victoria in the knowledge of the white inhabitants. What people of other countries describe as a dry spell, the Australian inconsequentially calls a drought. The so-called drought may be expected about every sixth year in any particular locality. (It is then the turn of the unvisited part to make money.) The dryness is nothing more than any country is likely to experience—merely seasonal rainfall not meeting the year's requirements, which throws on the farmer the responsibility of properly conserving the surplus of the equally-frequent excessively bountiful year. This conservation of fodder is but common, every-day farm practice in other countries, in order that stock may be fed, but here, although always advisable, it does not become absolutely necessary, as far as the lives of the stock are concerned, oftener than one season in six.

What, then, does a Victorian "drought" amount to? At its worst, merely a cessation of growth once in six years, which requires no more provision to meet than does one English or Danish winter. To say that Victoria receives all its rainfalls just when they are most wanted would be flying to the other extreme. But claimed it is, that on the whole the climate and natural conditions are not excelled for dairying purposes by those of any other country in the world. Nowhere else can good returns from good cows be obtained with so little labour and a minimum of artificial provision.

It is a fact that most of our dairy farmers, however long established, have not yet learned any necessity for storing more fodder than the current season's requirements. The climate itself forms a temptation to improvidence which should be resisted. Snow is unknown in most parts, and even in the coldest districts the sight of it is a novelty. The stabling of cattle is unheard of, and dairy cows in heavy milk give as profitable results without it. The herds graze out night and day throughout the whole year, and are under a roof only at milking time. Their presence in the yard is then availed of to give them whatever supplementary fodder their owner might deem profitable.

The feeding provision recommended for best results is to seize every opportunity to crop for as much roughage or bulk fodder as one can, even to excess of the herd's seasonal needs, until a reserve amounting to one year's food supply is built up, and not to relax one's efforts till this has been achieved. Then the area may be reduced to little more than will yield sufficient for the herd to consume each year, but never should the crop be less than will give a full year's requirements. What food-concentrate cows require for heavy milking can usually be more economically purchased as mill by-products than grown. This practice aids in keeping up soil fertility.

Messrs. Flack & Sewell's "Dominion Queen Mercedes".

Highest yielding cow.

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
13.5.19	1919-20	10,295	3·42	352·02
12.8.20	1920-21	9,063	3·64	330·23 (237 Days)
12.4.22	1922-23	15,958	3·69	589·53
17.6.23	1923-24	21,374	3·37	719·58

The bulk crops recommended for roughage are oats, maize, barley, millet, rye, and cow-grass; lucerne also, of course, where practicable. Under irrigation lucerne grows for eight months in the year, and 1 acre will normally grow as much as a beast can consume in the way of roughage. Except on irrigation areas, where lucerne will always be the best, oats and maize stand out pre-eminently as the crops for conservation. A fine material also for conservation either as hay or ensilage in the northern districts is the highly nutritious native pasture growth which usually comes away spontaneously in the autumn and which riots in extreme luxuriance every few years of exceptionally favorable rainfall.

Crops are growing in Victoria the year round. Both Algerian oats and barley will grow right through the winter, and either, while growing, furnishes feeding-off fodder as nutritious as it is labour-saving. Maize and Japanese millet require the summer conditions. The virtue of the first is its great bulk per acre, which makes it ideal for ensiling purposes. The latter is as convenient as the oat crop for providing green grazing out in the paddock with the minimum of labour. By exploiting no other than these four simple crops, a well-established farmer need never have his land idle, nor need his cattle ever be hungry if he will but practise intelligent fodder conservation to one-half the extent it is necessary in England. Given a fair chance, there is no reason why a beginner could not do likewise. Roots grow well in the southern half of the State, but there is not sufficient fodder stress to make their extra trouble and labour cost worth while.

Messrs Flack & Sewell's "Springfield de Kol".

(Born 1.10.18.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
15.9.20	1920–21	8,504	4·17	354·62
28.8.21	1921–22	8,484	4·59	389·32
7.9.22	1922–23	10,303	3·97	407·52
15.8.23	1923–24	17,811	3·74	665·54

In those districts devoted almost entirely to dairying, large milk-drying factories are established which compete for the whole milk. Butter factories, however, scattered throughout the State, are the chief outlet for the dairymen's produce. They receive only the cream, leaving the separated milk with the farmer, to be devoted to feeding pigs, calves, or fowls. The dairyman is paid so much a pound for his butter-fat, according to the factory's reading of the cream's butter-fat test. The average price for the past year (1923-24) has been about 1s. 6d. per lb. Skim milk is chiefly fed to bacon pigs and porkers, for which there is a ready sale. The price the farmer has received for carcass bacon has not been below 6d. per lb. for the last twelve years.

The carcass prices which have most prevailed are about 9d. for bacon and 1s. for pork. Many butter and milk factories have road transport conveyances running regularly to gather up the cream from the farmer's gate. Failing this, farmers deliver the cream themselves either to the factory or to the nearest railway station. Practically every district is well served in the matter of railways.

Provided a man has a few hundred pounds in hand after getting possession of a workably-improved farm at a cost of about £100 for every idle beast that it will maintain, either on permanent crops or pasture, the future rests mainly with himself. By utilizing the available hours between the morning and the evening milkings in cropping and conserving operations, he can calculate on at least doubling the carrying capacity of the holding. The degree of cultivation a man intends to practise in these intervening hours determines whether his least possible land liability is to be £1,500 or £3,000, or whether his interest bill is to be £90 or £180 a year. Once thus embarked he must firmly resolve to keep no cows but good ones—certainly no mature one yielding under 250 lb. butter-fat per year. He must do his part in arranging distribution of a " full and plenty " food supply over the whole of each and every year, so that the cows have little else to do but eat it; and he must learn to recognize that the good cow is a delicately sensitive piece of animal mechanism which will reflect, in the factory return for her product, every abuse to which she is subjected.

For its returns—good or bad—a herd is dependent on the man who is responsible for its breeding, feeding, and care. There are herds (run in the open all the year round) which are known positively to have averaged 466 lb. of butter-fat per fully mature cow, and there are undoubtedly herds which produce no more than 160 lb. of butter-fat per animal. The differing results represent the relative efficiency of the owners as stock-husbandmen, and it is due to no other cause whatever. The high yield referred to was obtained on £20 land, while there are herds averaging the lower amount on land for which £60 per acre could be obtained.

No stock-owner can hope to better his position much who baulks at the stock-husbandman's plain duty of breeding, feeding, and treating his animals aright. Anything for the betterment of the settler's returns, which is within its province to do, the State Department of Agriculture can be trusted to do for him. In this regard the Government conducts this official herd-test of pure-bred cows, which is designed to indicate to dairymen all over the State the dams most likely to beget the bulls of high-producing strain—which are recommended to dairymen generally as the only class of sire likely to improve the producing quality of their cows. Only pure-bred bulls are recommended as sires, and there are now thousands of registered cows whose capacity for production is on record and available gratis to any one who wishes to select his herd-sire on right lines.

Some of the Dairyman's Disadvantages in Victoria.

This State effort to put dairy farmers in the way of making the best of their industry has its justification in the important bearing which prosperity in the primary industries has upon the financial welfare of the State in general. No judgment on these industries is fair

which does not take into consideration, along with their advantages, the peculiar disadvantages which their workers are under in having to dispose of their product in the wide-open markets of the world—a formidable enough undertaking even if they enjoyed the same small freight charges and low working costs as their competitors. The comparatively high local costs of freights, labour, and plant are factors which handicap all the exporting industries, but none so much as dairying.

Nor is the dairyman's position here improved by the fact that his chief competitor—Denmark—makes dairying its "star" industry. There, dairying occupies the same position in the industrial realm as the "star" artist does in a theatrical play, dominating the piece and

Mr. W. K. Atkinson's "Cherry of Willow Park".

(Born 27.10.18.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
11.10.20	1920-21	8,733	3·72	324·67
28.9.21	1921-22	12,017	3·94	474·06
9.10.22	1923-24	15,880	4·00	635·92

supported by subsidiary parts introduced only to make the star's performance possible. The people of Denmark appreciate to the full that it does not pay to make a secondary consideration of the country's most productive occupation, and their whole political policy is directed to keeping the dairyman relieved of everything which increases costs even in the slightest degree. Who, in Denmark, would not be a dairy farmer?

Whether this country can afford to give its dairymen such considerate treatment is for a higher authority to determine, but certain it is that if Victorian dairy farmers could command freight, labour, and working plant at the same low figures as the Dane, our farms would soon be manned quite as efficiently as his are to the benefit of the State in general.

The best justification for an industry's existence is its need to the people as a whole. On this score, there can be no question about the dairying industry. Further, once an industry has demonstrated (as has dairying) its ability, not only to give better value locally than any foreign competitor, but also to pay higher plant, labour, and freight costs; expensively transport the produce to the sea-board and then a further 12,000 miles to the foreign market to be sold there against competitors, under their very noses, so to speak, there is surely much to be said for either the efficiency or endurance of its workers. One can hardly conceive of local treatment which could be too kind for such men. How it is done might well be past the understanding of city industrialists who have long since surrendered the credit of "standing up" to world competition in Melbourne, let alone in London. There certainly is no need to fear that an industry so engaged can be made too prosperous; but this community has assuredly a great deal to apprehend in a diminished, or even a stagnant, primary production.

The great trade-stream bearing the wealth on which our cities thrive, must essentially have either its origin or its security in the soil. On its volume and continuity all national prosperity depends. The credit, or purchasing power, which its flow represents is as vital to the city as to the producers themselves. In fact, a city's trade may be measured by the spending power of the primary producer. What portion of it cannot be absorbed locally passes on to build up further credits abroad, every bit of the returnable value of which is urgently needed by the "man on the land" most responsible for its creation. Great as are these outside credits which our exporting primary industries sustain for us, their returns do not yet suffice for our national exigencies, but still leave upon us the expensive necessity of further supplementing by loan money. To double our return from agriculture by doubling its man power would be an achievement of immense benefit to the whole State, but a consummation even more devoutly to be wished is the doubling of every individual dairyman's efficiency without any significant increase in costs. Then, if we should double the number, the output would be increased four-fold. Could we, through improved efficiency, increase the returns from our exports by a sum equal to what we else have to borrow, Australia would be well on the way to becoming a lending instead of a borrowing country.

Much has already been achieved by way of increased efficiency, and much more is still looked for from it. The logical connexion cannot be doubted, nor need we doubt the ability of many farmers to rise yet farther to the need. Greater proficiency may be trusted to enable the farmer to overcome all natural economic difficulties, as well as any artificial ones in reason; but if the community thinks the farmer will submit to being the only industrialist of whom efficiency is required, exceptional tact will be called for in its spokesmen. The basic wage of the city omits farmers in its application, presumably because of the belief that, being farmers, they can live without it. And so they all have to, some because they do not need it and others because they cannot make it. Admittedly, the latter are mostly men who made the initial error of paying too much for their land.

This Department's anxiety to help, however, must apply to these men even more than to their more fortunate fellows. Now, it is commonly believed in the country, rightly or wrongly, that the basic wage is largely responsible for the farmer's high costs and labour difficulties.

To urge increased efficiency on an impecunious dairyman as a solution of his troubles when he himself has a different opinion altogether as to the cause of them is apt now-a-days to meet with the retort, "Why don't you tell that to the fellow in the city?" There is certainly this feature about the organized advice to the agricultural industries to increase production, that the people generally have never evinced an equal wish to have increased efficiency impressed on the city manufacturers. Is it because they regard their product of so little consequence compared with agriculture? If it is really so, then there may be a good deal in the policy of Denmark towards its dairying industry.

Mr. C. Bamford's "Trixie of Medburn Grove".

(Born 26.3.18.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs:
3.8.20	1920–21	5,087	4·84	246·41
14.10.21	1921–22	6,683	5·02	335·54
15.9.22	1922–23	7,493	5·02	376·44
18.9.23	1923–24	11,852	4·90	581·23

Even good advice can be irritating in some circumstances and one who would advise dairy farmers in general to solve their problems by increasing their output needs first to impress his man that he knows the disadvantages as well as the advantages of the calling, and even then caution is called for. One can easily lose all chance of doing good, and may actually do harm by an under-appreciation of the difficulties. We have the instance of the piper and his cow; it was increased efficiency that he expected of her when he gave her, in lieu of hay, the tune that she died of. It is to be hoped that the general dairying industry will never get to the stage when it is too far gone to benefit by good advice. There is, however, grave danger to the more indigent farmers, at least, in the fact that local costs of production do not necessarily respond when prices fall in London, where the farmer sells.

This peculiar difficulty afflicting only the exporting primary industries tends greatly to discourage and disgruntle the young settler no matter how much of a trier he may be. It makes him turn to all sorts of political expedients in the hope of obtaining relief. One of the first to suggest itself is more State assistance, another is price-control, for both of which there are precedents. The former is a matter for the Government pure and simple; the latter is worthy of analysis. Its weakness lies in the fact that the basic wage is an adjustable award based on the cost of living. If the farmers could so organize themselves as to command a local price for butter commensurate with its increased cost, the very success would lead to an increased wage award to all trades, which would include practically all the workers who are engaged in the manufacture and handling of farmers' necessities. The increased wage would lead in turn to a further rise in farmers' costs, requiring another rise in the price of butter to the consumer and so on, costs and prices alternately but mutually increasing till very soon we would have the ridiculous spectacle of the foreign manufacturer underselling the dairying industry in its home country as he now threatens to undersell the secondary industries. An adjustment in the selling price may be an expedient, but as this can never in any case apply to the great exported surplus, real permanent redress can come only from the "costs" side.

The remedy would appear to be in increased efficiency alone; that is, greater efficiency on the part of every one—artisan, manufacturer, and farmer alike. Probably it ought to begin in the city, because efficiency means nothing if it does not mean the maximum of value at the minimum of cost.

But it is not we who shall have the setting of the pace. Dairy farmers, at least, need not fear that; for with a fair field and no favour, Victorian dairymen will endure with any people in the world. There is room to remove some of the stress by improvement which suggests itself in the marketing of dairy produce at the other side. With this effected in our favour, and with the improvement we are every day making in the dairying quality of our dairy herds, the future holds better prospects than the present. Out of much tribulation comes wisdom, and if dairy farmers will only set about the systematic improvement of their dairy cattle which the present tribulation has made even more imperative, they will be more ready to avail themselves of cheaper costs when the day arrives. In any case, the dairy farmer may be assured that, as long as his industry continues to exist in virtue of his magnanimous willingness to accept the same hard industrial conditions of his competitors, the attitude of this Department will be aught but one of censure.

This country would be in a much safer position if every individual in the community could be brought to realize that whatever impedes primary production sets back the prosperity of the State, and conversely, anything which stimulates the agricultural output is destined to better country and city alike. Although the venue of agriculture is necessarily more or less removed from the cities, city people need not take exception to this claim of priority for the rural producer. As said before, an adequate flow of rural credit from country to city is the very life of the latter; as much so as is the stream which occupies its water-mains. But there the similarity would seem to end, for whereas the latter flows spontaneously by the eternally-operating natural law of gravitation, the

wealth stream of production can be maintained only by arduous labour pumped, as it were, by an army of workers day in and day out from its source within the soil.

The Principle of Culling.

To exploit these resources to the full, in such a way as never to exhaust the fertility, is the function of the agriculturist, once fittingly represented by "the man with the hoe." To do all this, and, further, to make use of this home-grown produce as animal fodder for still further enhancement by transmutation into dairy products, is the more comprehensive function of the dairy farmer. The primitive old hoe has become almost entirely superseded in present-day practice by all sorts of more speedy, soil-breaking and scuffling appliances which happen to excel in the economy of labour, but it still remains the most effective

Mr. J Hutchinson's "Babs of Somerville".

(Born 27.8.19.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
22.9.21	1921–22	6,827	5·08	347·04
8.2.23	1923–24	11,185	5·16	577·62

implement for dealing the desirable destruction to certain vegetable intruders, in crop and in pasture, which would otherwise consume the plant food better reserved for their superiors.

Few farmers there are who do not believe in this well-recognized function of the hoe. Few there are who fail to recognize equally that all crops are the better for being relieved of interloping weeds such as wild oats, bracken, thistles, &c. And few there are who do not take steps to remove, or at least reduce them, because they have no difficulty in understanding that such plants will not treat plant food organically to such useful purpose as do the plants which they are robbing. Thus the principle of herd testing is illustrated by analogy, and any man who believes in the policy of eradication as applied to the weeds in his farm crops is thereby subscribing to the principle. But the same man does

not always see that the principle he is practising has a similar application to his dairy herd.

Cows are little more alike in the values to which they can transform fodder than are the various plant specimens of the fields they inhabit. Why not, then, give the weeds among them the same short shrift? So the herd-owner would, undoubtedly, if he could see the robbers as the weighing scales and milk tester reveal them. It is his misfortune that so many worthless cows look as good as the very best. Let him but apply the tester and it will show him one cow's yield standing out from another's as distinctly as potatoes among thistles. Otherwise the bad will continue to masquerade as good and thus insure to themselves food and treatment which their yields never pay for. While a man keeps such cows he must himself make up their respective deficits.

That a dairyman can continue to go on doing this is proof that in practically every herd there are at least some ultra-profitable cows. But as sure as weeds occur in every crop unless special steps have been taken to exclude them, profitless cows are present in every dairy herd unless testing—the only effective method of detecting them—has been practised and given effect to by culling. Be a dairyman as masterly otherwise as may be, he cannot hope to do any good at the business until he begins to discriminate in the class of animal he is feeding. There are many cows which cannot possibly use fodder profitably. The animal needed, is the born butter-fat producer. Such animals still exist even in the general dairy herds, and it is due only to the dairyman's own negligence if his milking animals are of any other quality.

Cows possessing such a specialized function cannot be expected to occur with any frequency when, as at present, the majority of animals which are employed for procreation are practically devoid of the quality. The special cow must be specially bred for, and surely this is no one's job but the dairyman's. Seeing how many older dairymen have failed to learn that the farmer himself can determine the dairy quality of his dairy heifers, it might be well for aspiring dairy farmers to learn by heart, before entering on their responsibilities, this first law of the business, *The only possible cow for the dairy herd to-day is the born and bred butter-fat producer.* Simple as it is, it awaits realization by the majority of dairy farmers. Of course, a dairyman who has not grasped this fundamental fact cannot be said to be a dairyman in anything but name.

The fact is, selection cannot be taken in hand too early; first by culling the herd already in use according to their butter-fat returns, and secondly, by the choosing of the bull which is to beget their successors. The only guide for culling is the scales and tester. In the case of the bull all that need be added in reservation is that he should be a sound, pure-bred animal. There is another reservation in the case of the cows—they should have no peculiarity of udder that will make their milking too difficult. With these two reservations, let the tester decide.

The breeding of better cows is an essential which must become general if we are to be put on an equal footing with our competitors.

Evidence that the position has taken a turn for the better exists in the present growing disposition of dairymen, particularly in Gippsland, to shoulder the responsibility of local Testing Associations. A striking feature of this development is its extension from a common centre—Mirboo North—a district which was fortunate in having the services of a particularly zealous advocate of herd-testing in its dairy supervisor, Mr. Yuill. It may safely be accepted that there is no considerable

hostility anywhere to herd testing. No opposition whatever exists to it as an abstract principle, but dairying as an industry does certainly contain more than its fair proportion of men who steer their course by nothing more modern than the rut worn by their predecessors.

A Lesson from Denmark.

What the industry is achieving against great odds is wonderful, but not more wonderful than the tardiness of such a large proportion of its operatives to relieve themselves of an entirely self-imposed burden, in their incapable cows. All things have a cause, and this failure of so many of the dairy farming class to rise to one of the most obvious of

Messrs. Flack & Sewell's "Holland Lass 2nd of Berry".

(Born 19.7.16.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
26.11.19	1919-20	5,193	3·93	204·20
4.12.20	1920-21	11,516	3·64	419·97
5.10.21	1921-22	11,864	3·41	404·05
1.5.23	1923-24	15,791	3·58	565·56

their opportunities has a significance of its own. It shows that the industry is not attracting to itself the commercial class of man whom it is in the State's best interest to have there. And here it is that we can take a lesson from Denmark.

Denmark certainly stands out as a dairying country, yet there is no knowledge, technical or otherwise, available to the Danish dairyman that is not equally available to the dairyman here. This Department has promulgated in every district in Victoria all the latest knowledge of dairying. The advice that has been given differs in nothing from what is accepted in Denmark as proper dairy practice. The difference between the two countries is that there, these better methods are practised by practically every dairyman, while here they are adopted by only the

comparatively few best. The difference is thus not that dairymen know more there, but that more of the dairymen know. Now why should that be?

Seeing that the object of practically all the better methods advocated is the commercial one of increasing the profits, and that almost all the improvements recommended involve the outlay of some initial money, their advocacy finds most acceptance in the logical and commercial mind and is lost almost altogether on any other. Nearly every Danish farmer has adopted the improved dairy practice which we advocate here, including pure-bred butter bulls, herd testing, culling, select mating, cultivation, rotation, and conservation, adequate and balanced rations, consideration for animals, &c.; yet, as said before, most of our farmers baulk at the most obvious of them.

There must be a reason for this, and it is worth the seeking. Either the logical and shrewdly commercial minds are not attracted by the proposition as it presents itself in Victoria, or else a commercial proposition in Denmark is not necessarily one here. Probably both factors are influential, but in either case it is something that should not be, and indicates some disability here which is not accountable in the natural conditions which, as claimed at the opening of this article, are the most favorable in the world. This leaves the searcher no alternative but to seek for the reason in the conditions that are other than natural. And when we examine these we see how feasible the claim is that the due profits and commercial possibilities of dairying are so cut into here by expensive labour rates, high handling and transport charges, and high cost of necessary materials that the proposition is relatively unattractive to the reasoning mind. The greatest misfortune that the dairying industry has to suffer in Australia lies in the fact that it has to meet every competitor, not on equal terms, but on terms so much in favour of the opposition. America's success has often been instanced to us, but here again the comparison leaves us in doubt.

First of all, we do not know that the financial condition of the dairying industry is any better there than here. We do know that, if it is, it is not due to any knowledge we lack, but is more likely due to the fact that certain propositions which both they and we recommend for improving the dairyman's lot, pay much better there than here. To illustrate:—The Americans go in for crop ensiling while we, notwithstanding an equal belief in the system, do not. Why? Most probably because the material for a silo and the purchase of a suitable filling plant here costs a price calculated to frighten any one who is poor enough to need to milk cows, to say nothing of the practical impossibility here of insuring oneself of a staff to fill it at the right time. The cost of other implements, utensils, and building material is in approximately the same ratio. Do our dairymen deserve no credit for coping as well as they do with this disability?

In any case it all boils down into this:—Whoever can explain why everything the dairy farmer requires has increased in price anything from 100 to 150 per cent., while his produce, whether sold as milk, butter, or cheese, is bringing only about 50 per cent. more, will be going a long way towards explaining the industry's slow progress so disconcerting to its advocates.

It is quite a common thing for an enquirer to visit this department for advice as to how to improve his returns. He is asked if he tests his cows. He does not, but, nevertheless, when the great dissimilarity in

the profit-earning capacity of different cows is pointed out to him, he becomes interested. Then he asks what apparatus he would require and the cost. Too often when he hears the minimum price of the necessary scales and testing machine the cost alone determines him in rejecting it.

Nevertheless, farmers are all urged to incur the cost, because, dear as the appliances are, it is worth while. Whether a farmer tests his cows himself or joins a Testing Association, he needs to realize that testing alone will never improve his herd, but only furnishes the information on which he himself may make it a select one, enhancing to him all the food he permits his cows to consume. Although it is always hoped that herd improvement will follow testing as a matter of course, it is far from being necessarily so.

The Necessity of Proper Feeding.

Some men distrust high yield in a cow because, they argue, it must take extra food to produce it. They seem to presume that a low-yielding cows does not consume much food, or in other words the yield may be taken as evidence of food consumed. This is utterly false reasoning. It is quite possible that the lowest-yielding cow in the herd will consume as much as the best. That milk can be made only from food consumed is not to say that all food consumed must be turned into milk. The average dairy farmer does, however, love a cow that does not eat much food. If she will only find sustenance for herself on grass straw, without putting any feeding responsibility on her owner, many will forgive her all her delinquencies in the way of small milk-yield. It is strange, indeed, this attitude, which conceives a cow to be a good sort merely because she eats little. There is nothing to be wondered at in such men grumbling at the dairyman's lot, but it does make one wonder why they persist with cows when there are such things as goats. They might even go further towards their ideal by keeping no animal at all, and their feed bill would be saved entirely.

When improvement results in a herd from testing, it may be safely assumed that the owner is not a man of this type. In fact, satisfaction with testing proves of itself that the herd-owner must be doing his part. How gratifying, then, is the present tendency of the Gippsland associations to extend and extend—all growing around a central example, itself much belated by over-cautiousness, and even then entered upon more at the suggestion of a Government adviser than of the interested dairymen themselves. These local associations are to be congratulated on their progressiveness, and are hailed as useful adjuncts in the common cause of herd improvement throughout the State. It all means that the associated herd-owners can exercise selection of dam as well as of sire in breeding their own dairy heifers, and thus make themselves, so much the earlier, independent of the unpardonable policy of depending on someone else's culls for their herd animals.

The Necessity of a Good Bull.

Once a man has put himself into the position of being able to observe how much better some cows are than others, he should not be long in realizing that the difference is a matter of animal nature, and that, to put it in exaggerated language, the time to guard against entry of the inferior producer is before she is born. The time, really, is before the parents are mated. Then it is that these official herd records are of

use. There is no occasion at the present time for any dairyman to use a bull whose dam has less than 350 lb. of butter-fat to her credit, and it is certainly downright folly to use one whose dam's record is less than 250 lb. This being so, no civil words avail to fittingly describe a dairy-farmer using the "scrub" variety of bull of no known breeding virtue whatever.

The subject of what bulls a dairyman should use raises a question of vital interest, not only to stud breeders, but to the whole industry in general—a question which it would be good to have settled now once and for all. When the Standard Test was instituted, it was well realized that it would be the means of demonstrating the widely differing dairy propensities of even pure-bred cows. The founders of the test presumed that, when the superior producing cows were revealed by

Messrs. Finn Bros'. "Thana of Somerville".

(Born 2.3.17.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
23.2.20	1920–21	5,965	6·02	359·12
26.7.21	1921–22	8,762	5·54	485·70
4.10.22	1923–24	9,742	5·65	550·44

its aid, the stud owners would, in furtherance of the test's purpose, preserve their bull calves for subsequent distribution and use among the dairy herds of the State. In twelve years of testing a great deal of this useful material has been suitably placed, but dairymen generally have not responded sufficiently to ensure its being absorbed as quickly as it becomes available.

At the present time there are quite a number of these bred-for-production bulls awaiting purchase at anything from fifteen to fifty guineas, with no other fault than that, perhaps, of being too much like their dams—a bit plain. Notwithstanding their shape or colour, these bulls can be calculated to beget butter-fat producers with far more certainty than even the most handsome of sires not similarly bred. If we get gold, who need care what shape is the ore it comes from. A

heavy producer does not owe the quality to either prettiness or plainness, but to a peculiar and invisible principle in the blood of ancestors such as these bulls possess. Of the hundreds of cows, plain and otherwise, being regularly tested by this department, no man can say beforehand in what position in the order of merit their first year's testing is going to place them. As a matter of fact, if looks are to be regarded as having any bearing on test, the results of twelve years of testing are much in favour of the plain cow. Then why shun the plain bull, provided he has butter-fat behind him and satisfactory family history? If he had show type as well, the owner would ask double the money just because of the comparative rarity of a useful beauty. And perhaps the owner is quite justified too, because novelties must be paid for. It is, however, taking a fancy too far to acclaim such an instance as proof that type is a sure guide to production. That sort of counsel was convincing once, but now, in the light of our herd-testing knowledge, such advice can only be regarded as reactionary.

Prejudice dies hard. In general, it may well be ignored; but the unfortunate feature about this false teaching is that, in promulgating its fallacy that type is a true indication of production, it is obstructing the distribution of many young bulls most urgently required out among the State's dairy herds to work the necessary improvement in our dairy stock. Such sires are available now from most of the testing stud-breeders. They are certainly not of a uniform type; some may even be plain in appearance, but if we have to wait for dairy bulls of one particular prescribed type of conformation before dairymen can be persuaded to use them, this century will not see the dairy herds as fit for production as it was hoped the herd test would make them. What this herd test evidently needs now to consummate its worth is a "better bulls" campaign conducted on the distinct understanding that for the dairyman's purpose "better" means "butter."

In this matter our chief competitor, Denmark, furnishes an example which would indicate that, with its dairymen, commercial results are everything. They favour a breed—the Red Danish—which has never appealed to fanciers here, or, for that matter, in any part of the world save Denmark. Yet the utility of the breed must be conceded without question. Our pure breeds here are by no means inferior, but we are more addicted to chasing two objectives where the Danes are satisfied with one—the fat one.

It is of no material consequence to their more commercial dairymen that their favoured breed is not quite so ornamental as, say, the Ayrshire. It produces the butter-fat, and that suffices. It is this better and more general appreciation of what gives a dairy cow her value that constitutes the Danish dairymen's only superiority over our own as far as dairy-cattle breeding is concerned.

As far back as 1915, ninety-three out of every hundred herd-bulls in Denmark were pure-bred. This is evidence again of shrewd business instinct, and proves the average Danish dairy farmer to be a type that is conspicuous in the industry here only by its rarity. One hesitates to recommend dairymen to adopt some form of detailed book keeping, worried as they generally are by jobs that are for ever beyond their one pair of hands to complete. The Danish dairyman possibly does keep a better check on his production costs, because there not only do men with business minds engage in dairying, but they probably have

more time despite their stock-housing necessities, through both labour and labour-saving machinery being more economically procurable. It would only irritate the average busy Victorian dairy-farmer to recommend him to adopt an effective system of costing. One is well satisfied here to persuade him to even no more than recording and testing of the individual milk-yields. The dairyman's apprehension is always that any departure from custom "will take too much time." This fear would appear reasonable did one not know that the ultimate effect of testing is the reverse. Testing saves time. If it results (as systematic testing eventually must) in obtaining the same quantity of produce from a reduced number of cows, is this not time saved?

Messrs. Kerr. Bros' "Morven Pearl 8th".

(Born 3.9.13.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
10.9.19	1919–20	9,202	3·67	337·85
28.8.21	1921–22	11,797	3·78	445·75
7.11.22	1922–23	13,903	3·95	548·49

But testing will do more. It is quite a common thing to find a man with a comparatively large number of cows, all more or less underfed through over-stocking. He has no knowledge of the animals' relative butter-fat production. If he culls on his own judgment merely, he will almost certainly make a blunder in the choosing; but by using the scales and tester he can pick the most inferior with certainty. It has been more than one testing and culling farmer's experience to find that, in the early stages of culling, the elimination of perhaps 20 per cent. or more milking cows from the herd has not affected the herd-yield at all. The remaining animals had it in them to do better, and the extra feed from the reduced stocking was all that they required to do so.

Even though an owner has been able to reduce the number of herd animals without diminution of total yield, he will find that the individual yields still taper off to a comparative tail. As time goes on he

will, by select breeding with the right bull, be able to displace the remaining worst few with a few better home-bred animals. He will then find that he is not only saving time, but is also getting a greater return as well. To put it shortly, judiciously reducing the herd saves labour, and consequently time, with no loss of returns. Then by further culling the still inferior "tail," and replacing with better, the same time is still saved. By devoting this available time to better and more discriminating feeding the two factors—better feeding and select cows—combine to effect the desired increase in total herd returns (income). Is not this what every dairyman most wants—more money without more work? This is splendidly illustrated in the experience of Mr. C. Bamford, than whom, in the whole list of herd-owners, no one has made better use of testing.

A Notable Instance of Success.

Entering the test in 1919, Mr. Bamford had only one cow to complete her lactation in time for that season's report. The next year, 1920-21, when the whole herd had a complete lacation recorded, we find that the average, even with handicaps, was not sufficient for the herd to be included as a competitor for the herd prize (which stipulates a minimum of 300 lb. of butter fat per cow). The average yield for the different classes of cows composing the herd was 225 lb. for eight heifers; 272 lb. for four post-heifers, and 261 lb. for nine mature cows. The next year, 1921-22, the herd had been reduced to seventeen cows, made up as follows, viz., six heifers, three post-heifers, and eight mature cows, which classes averaged 238, 253, and 321 lb. of butter fat respectively.

In the year 1922-23 the averages were improved to 243 lb. for heifers, 326 lb. for post-heifers, and 356 lb. for mature cows. Satisfactory as this progress was Mr. Bamford was able to make use of the test information to do still better and we hope he will not become weary of well-doing by his fine attainment this year, in which he has the fine averages of 250 lb. for heifers, 312 lb. for post heifers, and 417 lb. for mature cows. It represents an actual yield of 355 lb. of fat for every cow in the herd of nineteen, of which only nine were mature cows. Despite the disabilities farmers are at present under, these are profitable figures. All the same they indicate a remuneration small enough for the class of man it takes to get them. Of course, there is no reason why Mr. Bamford need not expect better should he further pursue the aim.

The whole achievement was just the result of a business man being brought into touch with a business proposition, which herd-testing is, and his having the capacity to grasp its import. Yet according to Mr. Bamford himself this is likely to be the end, as he sees no chance of procuring the necessary reliable labour to do what he now finds himself unable to do through advancing years. It will be a great pity if Mr. Bamford's services are to be lost to the industry, and none need regret it more than the admirers of the Ayrshire breed, which owes him so much. This question of suitable labour is a problem to the progressive dairyman.

The Drift to the City.

Some economists contend that, because statutory hours and wages are not applicable to the dairying industry, that is no reason why they should not be applied in the city, where they are presumed to be quite practicable. Unduly increasing the superiority of conditions in the city is

a danger to be guarded against because it must act inimically to dairy farming unless a law to prohibit migration from the country districts (hardly a practicable measure) be contemporaneously enacted.

Seeing that the appeal is one of £ s. d. and worldly comfort, its first effect is to deplete the industry of those very minds which it can least spare, for those are the two things which are due in full measure to every man who is dairy-farming his land to-day, and which spur most the business mind.

But if all those who most aspire to such things leave the land, how then will these advantages be won there? Not by forgoing necessary recreation, nor pressing one's young children into the breach. These

Mr. J. Plattfuss' "Monovale Juno Paxton".

(Born 12.8.18.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
10.11.20	1920-21	9,766	3·34	325·97
29.10.21	1921-22	11,913	3·26	387·02
25.1.23	1923-24	15,369	3·55	544·87

are no adequate substitute for the experienced business brains, that the purchasing, as well as the working of, the farm call for. However good the intention of the endeavour to make the industrial conditions of Australian secondary industries the best in the world, it is doubtful if in the long run it will benefit any one so much as our dairying industry's competitors in London.

More Time Testing and Less Time Milking.

There is a possibility that if farmers who have to employ their families in the cowshed chose to employ them rather as testing assistants, the improvement which could be effected in the herd returns would obviate so much of the heavier work (by leading to the removal of that

class of cow which is all work and no profit) that their boys would be both greater assets and happier than they are at present.

The work is quite interesting, and next to the actual formation of local herd-testing associations, there is nothing which seems more promising than this possibility of interesting the boys. As said before, a man's long experience of dairy farming so confirms him in the belief "that there is not time," that it is well nigh impossible to alter it. A boy's mind is far more plastic, and, therefore, more hospitable to new ideas. Most dairy farmer's sons would gladly undertake the necessary work one day a month, more especially if it were encouraged by their parents as a monthly relief from, instead of an additional duty to, milking the cows. The pity of it is, now, that few farmers' sons know any more than city boys about what a particular figure of test means as applied to a cow's milk yield.

How the Schools could Help.

The state school surely furnishes an opportunity to enlighten them on this, particularly in dairying districts. To give some teachers their due, they do go to considerable trouble to interest their scholars in this direction, but it is outside the set curriculum. It would do a good deal to instil useful knowledge if the mathematical instruction were made to include calculations in this only effective method of proving a cow's respective value.

In the writer's school days the arithmetic books contained many problems designed to assist costing of wall-papering, tank-excavating, money borrowing, but nothing whatever pertaining to cow valuing, although practically every boy in the school was from a dairy farm. Why not include in the arithmetic text-books sums pertaining to dairy work, such as:—If one cow gave 15 lb. weight of milk in the morning milking, which was proved by Babcock tester to contain 4.5 per cent. of butter fat, and gave in the evening 12 lb., possessing a butter-fat test of 4.9 per cent., what was the value of the day's butter fat at 1s. 6d. a lb.? Then it could be extended:—If another cow gave so and so (varying the milk test as it would be varied in practice), which was the better dairy cow? Dairymen's sons might well be taught in school how to arrive at the percentage of butter fat in a cow's daily milk yield (the composite test) from the butter-fat percentage of each milking's milk tested separately. For instance:—What butter fat would there be in 100 lb. of mixed milk composed of the morning's milking's 20 lb., which tested 4.1 per cent., and the evening's 16 lb. which tested 4.9 per cent.?

Such problems as these would teach calculation as well as any other kind, and if properly elucidated would incidentally serve to impress on the children not only the meaning of the word "test" as applied to a dairy cow, but also the fact of test variation. This might easily cause a boy to try milk-testing for himself, and later to volunteer to so check systematically the butter-fat results of the individual cows as we now want it done. Of course, his father would first need to put a Babcock testing apparatus in his way. He may need to sell a cow to do this (because, like everything else the farmer has to buy, the cost is not cheap), but even if he has, it will more likely be a bad one than a good one because there are more of the former. Even if it should be his best it would be a good bargain if it should lead to his being "put wise" as to difference in earning value of equal looking herd animals. It will be better still if it leads on to regular and systematic testing.

Yield More Urgent than Beauty.

To avoid repeating what has been so frequently emphasized in these annual reports regarding wise culling, it will be sufficient to warn any dairymen who can obtain test-records of his cows' production, not to make afterwards the most common mistake of allowing prejudice to stand in the way of necessary action. Fondness for type may easily amount to an obsession. Leading stud-owners have come into this department's office (before it was customary to publish the names of the failing cows) to ask which particular animal of their's had failed, and have added, unasked, that they "would not keep a cow on the place that could not get her certificate." On the animal's name being given them, it is not uncommon to see them change their mind at once, on the ground that "she is too good a cow"—that is, she is too good-looking a cow. It is no good using the test, and then believing one is a

Mr. J. Platfuss' "Wesimere Oakwood Piebe".

(Born 20.11.19.)

Calving Date.	Season.	Milk.	Test.	Butter Fat.
		lbs.		lbs.
1.6.22	1922-23	11,620	3·27	380·45
23.8.23	1923-24	18,941	2·88	544·54

better judge himself. This vanity of the eyes, if indulged by the owner, detracts much from the value of testing.

Features of the Season's Records.

As will be noticed the policy has been adopted this year of publishing the record of every cow entered—qualified and unqualified alike. This results in 1,406 lactation-records appearing, of which 1,124 reached the butter-fat standards requisite for certification of the animal.

The year just completed was, on the whole, favorable for dairying in the southern parts of the State, but it was more unfavorable than otherwise in the irrigation areas of the north. Particularly was this so at Swan Hill, where the excessive rain, catching the areas with no adequate provision made for the get-away of such an untimely visitation, flooded the lucerne to a degree in many cases causing total destruction. In the south, however, the continuance of good rains through the warm summer

months gave the greenness, so helpful to milk production, greater permanency. This may or may not be responsible for the more numerous "top" which the record-list possesses this year, in which 31 cows show butter-fat records exceeding 500 lb., whereas last year there was only eighteen. The year has produced a new butter-fat record as far as this herd test is concerned—the 720 lb. attained by the top yielder, Messrs. Flack and Sewell's Friesian "Dominion Queen Mercedes," which is one pound over the previous best standing to the credit of the Jersey "Rarity 8th of Melrose." This is keen competition, and puts the two breeds practically on an even footing for future competition, as far as an individual animal's production is concerned.

The second highest production (666 lb.) for the season has to be credited to the same owners' "Springfield de Kol." Both these typical Friesians, were bred in New Zealand—the former by the New Zealand Department of Agriculture, and the latter by Mr. Jas. Pirie, of Invercargill. The names they bear, viz., "Mercedes" and "de Kol," are family designations which have become familiar through the production prepotency of the families carrying the blood. The past records of both cows in question are well worth studying along with the breeding as evidence that it is in the cow herself that lies the explanation of high production.

The "de Kol" blood is largely represented in both cows. "Dominion Queen Mercedes" is by the same sire as another well-known producer, "Dominion Segis Fobes," the Friesian cow which attained to second place in this test with 616 lb. of butter fat two years ago. The sire which stamped them so fortunately is the imported American bull "Woodcrest Jo," which has been so remarkably consistent in begetting high producers in New Zealand, and has such progeny to his credit here in Victoria as the two cows named above, as well as the consistent producer "Dominion Coringa" (498 lb. fat), and "Dominion Violet Fobes" (497 lb.), and "Dominion Iona" (693 lb.).

"Springfield de Kol" is by the same bull as "Springfield No. 9," which cow is not only Mr. Russell's best producer, but is also the mother of a producer in this year's top heifer, "Moss Vale Ideal Sylvia Posch" (425 lb.). This bull's name "Rosevale Inka Sylvia Posch" is already a household word among Friesian breeders. He is one of two full brothers—sons of the famous breeding and producing cow, "Burkyeje Sylvia Posch," now familiarly referred to as "Old Burkyeje," whose importation has proved so fortunate for the Friesian breed in New Zealand. Calving at two years of age, ten years ago, this cow has the reputation in New Zealand of never since being dry. Only recently she gave as high as 114 lb. milk in a day, and during five tested years produced a yearly average of 20,000 lb. milk and 702 lb. butter fat, crowning it with a record of 983 lb. of butter fat in one year. Both sons have become conspicuous for prepotency—the other one, "Rosevale King Sylvia," having a daughter with 806 lb. of fat to her credit and six daughters which at two years old averaged 586 lb. of butter fat in twelve months. Of such blood (united with pure "de Kol" in her linebred dam "Springfield Lady Hengerveld") comes "Springfield de Kol."

When one sees certain animals figuring high in the list year after year, under the same treatment as others, that are just as consistently in inferior positions, one wants no further proof that it is the right "blood" that we want. In crediting "Dominion Queen Mercedes" with excelling all this test's previous records, it is only fair to say that the one pound less

production of the previously-holding Jersey was obtained by ordinary farm practice of twice-a-day milking, whereas the yield of the Friesian was assisted by the cow being milked thrice daily. The same practice was followed in the case of the runner-up, "Springfield de Kol," owned by the same breeders. The yields are nevertheless proof enough of exceptional dairy worth.

Three, and even four, times a day milking has long been the custom in America with cows of exceptional milking capacity. Whether the practice should be encouraged here, is a question exciting much discussion just now in dairying circles. Of course, it has to be recognized that the dairy-cow is becoming every day a more and more improved machine for the dairyman's purpose. The best of them are highly specialized animals, fully deserving special treatment within certain limits. Cer-

Mr. C. Bamford's "Babe of Medburn Grove".

(Born 6.8.16.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
22.3.20	1920-21	6,923	4·09	283·11
11.4.21	1921-22	9,118	3·99	363·34
17.4.22	1922-23	11,921	3·99	475·22
31.5.23	1923-24	13,811	3·91	541·01

tainly they are very different animals from those which prevailed when twice-a-day milking originated. Against this there is the argument that if sufficient labour be not available (as at present) to get cows milked twice daily without undue labour and anxiety to the man responsible for its doing, how are we going to make a commercial practice of milking three times a day? It is quite probable that if the earlier farmers were faced with the same disinclination on the part of their fellow men to live out on the farms, as exists to-day, they would have contented themselves with once-a-day milking, and we might have the labour difficulty now advanced as an argument against the modern cow's undoubted need of two milkings a day. Twice-a-day milking became the custom when, and because, country labour was cheap and plentiful. With labour as it was then, it was found that the second milking "paid," even with cows

that did not feel discomfort from its omission. As time went on, a better class of cow evolved, for which the two milkings daily were no longer excessive, but rather necessary. Only then did twice-daily milking become the acme of economy. Now, when perhaps we should increase the milkings to three, for the cow's sake, can we afford to?

As things are at present, the ordinary "battling" dairyman would not be very anxious to pay extra money for a cow on the grounds alone of her being such a heavy milker that she must have an extra milking daily over and above his other cows, which might possibly give equally as much butter fat without it.

There is but one thing which queries the logic of the practice, and that is its inherent defect of increased labour cost. If it can be done and maintained at a profit, that is the end of all opposing argument. An

Mr. C. Gordon Lyon's "Soprano 2nd of Banyule".

(Born 28.4.17.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
16.4.19	1919-20	5,484	6·07	332·97
4.7.20	1920-21	6,074	5·68	345·15
25.7.21	1921-22	7,320	5·58	408·17
11.8.22	1922-23	8,025	5·67	465·37
14.8.23	1923-24	9,365	5·66	529·71

owner would either have to pay an extra wage, which has to come not out of the whole third milking, but out of the increase it causes, or else get up the necessary bit earlier, and go to bed the necessary bit later, to do the job himself, and accept the increase as his corresponding remuneration. Seeing that it is the ambition to escape work that has robbed the old-time milking class of its dimensions, the time would not appear opportune to aim at an ideal which postulates increase of costly labour.

It was one time the pride of our dairy recommendations, that their attainment involved an almost immaterial additional outlay, and required little more than the utilization of what was being wastfully neglected. At any rate, in the past that is what always enabled the writer to recommend dairy reform with an easy conscience. Even these long-approved reforms or improvements threaten to become too costly, because of labour

charges in every direction having mounted so. One would be sorry to think that any breeder aims at evolving a cow that would absolutely require three milkings a day; a performance of high yield on once-a-day milking would be a much better advertisement.

This is far from meant to discredit the performance of the thrice daily milked cows in this herd test. They would no doubt have made very good records had the milkings been limited to the ordinary number. And perhaps the extra milking was a superfluity. It is to be hoped it was. We cannot know what the same animals would have done under ordinary conditions, therefore whether the extra yield paid for the extra cost of getting it, must remain equally unknown. It was this doubt of the commercial practicability which was responsible for the clause in the

Mr. H. L. Webb's "Lily of Holly Green".

(Born 29.8.17.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
21.10.19	1919-20	5,755	4·30	247·62
7.2.21	1920-21	8,327	4·69	390·61
13.8.22	1922-23	10,504	4·20	441·17
15.8.23	1923-24	12,703	4·09	520·09

prize schedule which makes any cow so milked ineligible. As the Royal Agricultural Society's prize schedule still retains this condition, the prize for Annual Champion Cow must go to Mr. W. K. Atkinson's Shorthorn "Cherry of Willow Park"—the highest yielder under twice-a-day milking conditions.

In completing her record (636 lb.) in July, 1923, "Cherry of Willow Park" set a standard for the others to aim at. The merit of it is proved by the failure of any other cow, under similar conditions of milking, to attain to it. The Shorthorn is a breed which is English of the English, and has hitherto had more reputation in its homeland than here. It has, however, been made much use of in New South Wales both as a

comparatively pure and as blending blood to build up the famous Australian breed of dairy cattle known as the "Illawarra," so popular in the mother state for dairy purposes.

"Cherry of Willow Park" is by "Havelock of Darbalara," and in his sire "Emblem of Darbalara" we have the bull which begot "Kitchener of Darbalara," sire of the world's record-breaker, "Melba 15th of Darbalara." This latter cow's record of 1,614 lb. butter fat (in twelve months), after one of 1,316 lb. the year before, makes the record of any blood relative not surprising.

The fourth position in the order of merit being occupied by an Ayrshire, gives us more breed variety in the first four cows than we have seen before. This cow—Mr. C. Bamford's "Trixie of Medburn Grove"—produced 581 lb. of butter fat. Reference has been made elsewhere to Mr. Bamford's achievement in bringing the Ayrshires into their

Mr. C. Gordon Lyon's "Silvermine 23rd of Banyule".

(Born 17.4.20.)

Calving Date.	Season.	Milk. lbs.	Test.	Butter Fat. lbs.
26.8.22	1922–23	7,233	5·20	376·09
22.9.23	1923–24	11,131	4·66	519·20

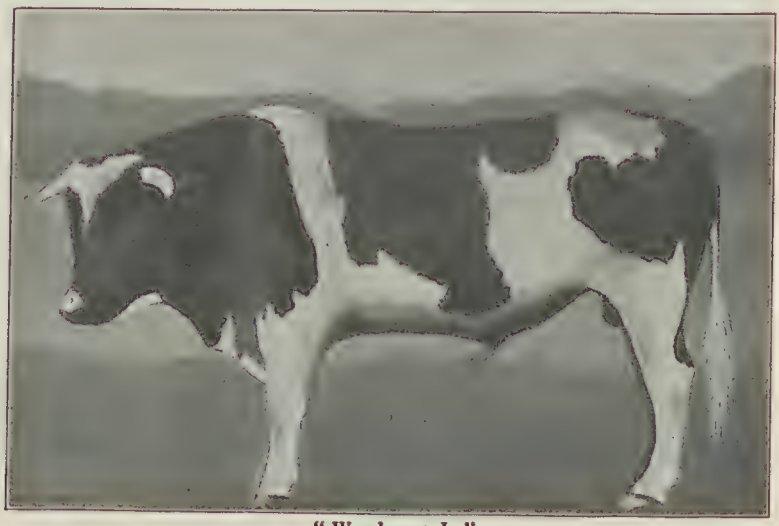
own this year. Another of his cows, "Babe of Medburn Grove," has a record of 541 lb. in this year's list, but so crowded is the "top" becoming, that this yield means only fourteenth place in the order of merit.

Fifth place is filled by another of Messrs. Flack and Sewell's successful Friesians, "Holland 2nd of Berry." This cow, like her two beforementioned herd mates, was also milked three times a day, and shows a butter-fat record of 566 lb. in vindication. It is a fine achievement on Messrs. Flack and Sewell's part thus to have three cows in the year's best five. Messrs. Dickinson Brothers are the owners of the sixth-place cow, "Pauline of Ashby"—another Friesian—which, with four fine records already to her credit, adds another of 558 lb., thus exceeding the 500-lb. mark for the third time. This cow's consistent appearances in the list of the best should convince the most sceptical that one of the first essentials to high yield is a cow of a certain nature.

Mr. Hutchinson's "Beauty 4th of Somerville"—seventh in the order of merit—is another of these consistent performances, of which no breed possesses a monopoly. The 552-lb. record of this cow represents the top Jersey yield this year.

Another name, which it is no surprise to see near the top, is that of "Thana of Somerville," owned by Messrs. Finn Brothers, who have done so well with their total herd returns. "Thana's" record (550 lb.) was made up on her third calf, and is but in keeping with her early promise.

All the cows referred to above have exceeded 550 lb. of butter fat. Casting one's eyes further down, one sees name after name which has become associated with high production. Considering that there are mature cows which have yielded over 400 lb. of butter fat this year, there should be no dearth of the class of bull which dairymen must be persuaded to use if they would be other than the menials of the community. We have in our stud herds here material, which, if availed of by the general dairyman, would put the quality of our dairy cattle beyond



"Woodcrest Jo."

cavil. This is the first necessary step towards emancipation from the serfdom dissociable from trying to conduct a modern dairy farm with the cows of the ancients.

Turning to the younger classes in the order of merit, one is struck with the excellence of many of the records. That of Mr. Hutchinson's Jersey, "Babs of Somerville" (578 lb.), at the top of the post-heifer class, is particularly creditable. It is, however, 4 lb. less than the record for the class made by Mr. C. D. Lloyd's "Werribee Starbright 9th" three years ago. "Babs" represents "Lord Twylish" and "Larkspur" blood on the dam's side re-infused with the same blood from her sire, "Daphne Prince of St. John." The second in this class is Mr. Syme's Friesian, "Eco Sylv Bell," an importation from America. Her success in this, her first season here, augurs well for her future. Looking down this class, one sees more evidence of the importance of breeding in the number of cows whose mother or grandmother was famous before them; and similarly with the heifer class.

The leading heifer (425 lb.)—a Friesian owned by Mr. S. Russell—is daughter of the same owner's best cow, Springfield No. 9 (487 lb. on second calf), seventh this year in the post-heifer class, by Rosevale Ideal Keys, a New Zealand bull which combines the blood of several of America's best producers.

The 419 lb. of the second heifer is even more meritorious than it looks, she being under two years of age at calving. This is Mr. Mesley's Jersey, "Mandoline of Warenda," daughter of the high-producing "Garenne 4th of Warenda," which in turn is out of old "Garenne 2nd," one of the best cows we have ever had in this test. Mandoline's sire, "Jazz of Warenda" (1927) is from Mr. Mesley's other high producer, "Charmian," which is eighteenth in the order of merit this year with 523 lb. butter fat. "Agnes 2nd of Warenda"—fourth heifer—is another of "Jazz's" progeny, out of "Agnes of Warenda," which holds the record for heifer's production in this test with 527 lb. of fat. This cow was out of "Alsyke of Springhurst," which was also the mother of "Patricia of Warenda," fourth this year in the post-heifer class with 537 lb. And so it goes on. Practically all the highest producers in the younger class are the progeny of animals of proven worth.

The prize for the herd with the best average yield per cow goes this year to Messrs. Flack and Sewell for the "Ardblair" herd of eleven cows milked on a section of their property at Berwick. With all handicap allowances this herd yielded butter-fat equivalent to 480 lb. per cow. Some dissatisfaction has arisen through the department adopting the policy of regarding a segregated herd on one owner's property as a separate entity for arriving at a herd's average yield per cow. It is conceivable that an unfair advantage might be taken of such a rule, which it might be well to guard against in some way, but in this year's case had other owners chosen to take advantage of the same rule, no other eleven cows in any one of the competing herds could have exceeded the returns of the one to which the prize has been awarded.

The second prize herd is that of Messrs. Finn Brothers. This Jersey herd of ten—which embraces all the milking cows in Messrs. Finn's name—yielded, with all allowances, an average of 448 lb. of butter fat.

During the year 37 new herds were entered, made up as follows:—

Jersey—

Mrs. Archibald and Son, Elmore; Baillieu Brothers, Torumbarry; J. Cook, Toora; H. Cowling, Mornington; J. Chadderton, Hamilton; J. Clyne, Upper Maffra West; E. Day, Penshurst; A. E. Ellis, Archie's Creek; G. Esler, Tongala; A. Fixter, junior, Boisdale; J. Huffer, Traralgon South; O. G. Handbury, Toora; Lithgow and Benson, Yarra Glen; H. G. Lyon, Dundonnell; M. Lyons, Bamawm; Miss McClelland, Tunstall; J. A. J. Morris, Warragul; J. McDougal, Byaduk; H. A. Peterson, Korumburra; Quigley and Bennett, Yinnar; Miss H. E. Raleigh, Pakenham East; W. S. Richardson, Riddell; A. A. Richardson, Warragul; Mrs. D. Stark, Wando Vale; A. Schipalius, Kilmany South; W. A. Sandles, Mt. Best; L. W. Thompson, Pakenham; C. S. Walker, Swan Hill.

Ayrshire—

C. D. Lucas, Irrewarra; G. Vallence, Cohuna; D. Wadelton, Tarwin; N. S. R. West; Corop; A. Wallace, Bendigo.

Friesian—

Colac High School, Colac; J. R. Hokin, junior, Ravenswood.

Red Poll—

J. Baker, junior, Bannockburn; J. F. Keating, Darnum.

At a conference of the Ministers for Agriculture of the various states it was decided to bring about a greater degree of uniformity in the conditions of testing. The regulations, as finally agreed to, are set out at the end of this report, and they represent the conditions which shall apply from the 1st July, 1924, onward.

STANDARD COW PRIZES.

The following prizes were offered by the Government for the year ended 30th June, 1924. The prizes will be awarded through the Royal Agricultural Society:—

1. *Grand Champion Cow*—under Herd Test Regulations.

   A grand champion prize of £100 as a trophy or cash, for maintaining the position of annual champion for three years, not necessarily in succession. Not yet allotted.

2. *Annual Champion Cow*—under Herd Test Regulations.

   A prize of £10, to be awarded to the cow which, during a lactation period terminating within a year ending on 30th June, gives the greatest amount of butter-fat under the herd testing regulations of this Department.

   Won by **Cherry of Willow Park**; owner, W. K. Atkinson.

3. *Reserve Annual Champion*—under Herd Test Regulations.

   A prize of £5 per annum to be awarded to the cow attaining second place under the herd testing regulations of the Department during the year ended 30th June.

   Won by **Trixie of Medburn Grove**; owner, C. Bamford.

   These prizes to be awarded conditionally upon the winning cow being exhibited at the next Royal Agricultural Show. In the event of the death of the winning cow prior to such Show, the owner to exhibit his next best cow.

4. *Best Herd.*—under Herd Testing Regulations.

   A first prize of £20 and a second prize of £10 to be awarded to the herds giving the greatest average returns under the herd testing regulations of this Department and complying with the following conditions:—

   (1) Minimum number of cows (completing the test during the year) in a herd, 10.

   (2) Such herd to average not less than 300 lbs. of butter-fat.

   (*a*) Handicaps to be allowed on the following scale:—

   i A herd of more than 10 cows to receive a handicap of ½ lb. of butter fat for each cow.

   ii Cows entered under regulation 11*a* to receive a handicap of 75 lbs. of butter fat.

   iii Cows entered under regulation 11 *b* and *c* to receive a handicap of 50 lbs. of butter-fat.

   The prizes to be allotted for the year ending 30th June, and three cows of the winning herd are to be exhibited at the next Royal Agricultural Show, with placards setting out their respective butter-fat yields.

   First prize won by the "Ardblair" Herd; owners, **Messrs. Flack & Sewell.**

   Second prize won by the "Comely Banks" Herd; owners, **Messrs. Finn Bros.**

No cow competing for any prize shall be milked more than twice a day, and must re-calve within fifteen months from her previous calving date.

HERD AVERAGES.

Detailed Returns of the Prize-winning Herds.

First Prize.

Messrs. FLACK & SEWELL'S, "Ardblair" Friesian Herd.

Cows of the Herd in their Respective Classes.		Butter Fat.	Average Fat per Cow.
		lbs.	lbs.
5 Mature Cows yielded		2,614·99	523·00
4 Second-calf Cows yielded	1,542·98 lb.	..	385·74
Handicap of 50 lb. each	200·00 ,,		
		1,742·98	
Heifers yielded	720·94 lb.	..	360·47
Handicap of 75 lb each	150·00 ,,		
		870·94	
Butter fat return from herd (without herd allowance) ..		5,228·91	
11 cows in herd allowed 5½ lbs. each (the ½ lb. allowance per cow) ..		60·50	
Herd Total of Butter fat (including all handicap allowances) ..		5,289·41	480·85

Second Prize.

Messrs. FINN BROTHERS' "Comely Banks" Jersey Herd.

Cows of the Herd in their Respective Classes.		Butter Fat.	Average Fat per Cow.
		lbs.	lbs.
8 Mature Cows yielded		3,607·28	450·91
1 Second-calf cow yielded	370·40 lb.	..	370·40
Handicap of 50 lb. each	50·00 ,,		
		420·40	
1 Heifer yielded	372·63 lb.	..	372·63
Handicap of 75 lb. each	75·00 ,,		
		447·63	
Herd Total of Butter fat (including all Handicap allowances) ..		4,475·31	447·53

Averages in Detail of the Herds which Averaged Over 300 lbs. Butter Fat per Cow.

Herd Order of Merit	Owner.	Breed.	Average Yield without any Allowance.						Herd Yield with all handicap allowances.
			Heifers.		Post-Heifers.		Mature Cows.		
			No. in Herd.	Average Butter Fat.	No. in Herd.	Average Butter Fat.	No. in Herd.	Average Butter Fat.	
				lbs.		lbs.		lbs.	lbs. fat.
1	Flack and Sewell (Ard-Ghir Herd)	Friesian ..	2	360·47	4	385·74	8	523·00	480·85
2	Finn Brothers ..	Jersey ..	1	372·63	1	370·40	8	450·91	447·53
3	T. Mesley	,, ..	5	356·13	2	406·42	4	447·16	447·06
4	C. Deverell	,, ..	4	327·72	2	388·01	4	451·69	429·37
5	J. P. Chirnside ..	,, ..	2	318·64	4	421·24	7	385·06	419·40
6	A. W. Jones and Son ..	Friesian ..	5	294·12	10	367·10	17	384·07	408·06
7	W. Woodmason ..	Jersey ..	2	255·54	4	350·61	8	414·63	405·61
8	C. G. Lyon	,, ..	8	288·90	6	379·80	10	380·76	399·40
9	Alston Estate.. ..	,, ..	1	291·68	2	318·83	7	411·52	398·50
10	A. W. Jones & Son ..	,, ..	2	340·48	6	377·55	9	350·03	393·59
11	C. Bamford	Ayrshire ..	2	249·82	8	311·68	9	416·52	393·27
12	J. D. Read	Jersey ..	10	266·34	5	337·53	15	399·16	392·95
13	O. J. Syme	Friesian ..	2	306·23	4	357·20	9	374·24	391·46
14	H. Luxton	Jersey ..	2	278·18	6	345·18	14	372·74	388·08
15	Gibson Brothers ..	,, ..	2	265·47	1	300·24	7	392·80	378·07
16	Flack and Sewell (Burnbank Herd)	Friesian ..	3	197·86	8	324·40	8	395·90	376·92
17	W. K. Atkinson ..	Shorthorn ..	2	211·34	4	278·59	11	382·56	367·04
18	R. Maher	Jersey ..	4	248·95	..	..	7	356·28	350·03
19	Mrs. E. N. Lennie ..	,, ..	2	216·63	2	333·36	8	344·07	347·88
20	Department of Agriculture	Red Poll ..	12	259·53	8	276·79	18	320·51	345·26
21	E. A. Dennis	Jersey ..	1	198·74	5	316·97	11	325·48	343·14
22	R. Ralston	Ayrshire ..	4	261·40	7	295·08	7	314·68	340·33
23	Mrs. I. Beard ..	Jersey ..	3	241·54	1	294·44	6	351·34	340·21
24	C. D. Lloyd	,, ..	3	218·86	2	265·19	6	360·19	339·42
25	K. McGarvie	,, ..	8	243·55	4	330·57	10	307·35	334·74
26	Kerr Brothers ..	Shorthorn ..	7	226·88	2	287·90	16	318·16	327·67
27	Geelong Harbour Trust	Ayrshire ..	7	214·70	8	294·76	15	298·73	323·90
28	H. S. Gibson	,, ..	7	229·56	4	269·90	5	310·19	318·16
29	McFarlane Brothers ..	,, ..	4	258·73	6	255·09	8	285·17	311·60

OFFICIAL TESTING OF PURE BRED DAIRY CATTLE FOR PRODUCTION.

Uniform Scheme as Adopted by the Ministers of Agriculture in Conference at Melbourne, May 1923.

Conducted under the Direction of The Hon. The Minister of Agriculture for the Encouragement of the Dairy Industry and Upbuilding of Profitable Herds.

General.

1. This testing scheme shall be known as the Government Official Pure Bred Dairy Cattle Testing Production Scheme,

2. (*a*) The owner of any herd of pure bred cattle may apply for entry of his herd and shall pay the prescribed fee therefor.

(*b*) All pure bred cows owned by an entrant to the test must be tested with such exception as set forth in Rules.

(*c*) Only those cows will be accepted for test which are registered or have been accepted for registration in a recognized Herd Book or Pure Stock Register.

(*d*) When a breeder owns separate herds in different districts, and under separate management, each herd shall be submitted for test and considered and recorded as a separate herd and any cow commencing her record on one farm shall be credited to the herd on that property though she may complete her record on another property of the same owner. In the event of a cow being sold during her record period, the record shall be transferred to the purchaser.

(*e*) Any cow entered for the test and any calf, the progeny of such cow, must be branded to the satisfaction of the officer controlling the scheme, in such manner as to ensure identification.

(*f*) Any cow which, on examination, is found to be affected with tuberculosis or actinomycosis of the udder or any other disease or condition which may render her milk injurious, may remain in the herd for testing, but her milk shall not be used for sale nor for the preparation of any dairy produce for sale without permission.

Fees for Testing.

3. Each herd owner shall pay to the Department of Agriculture, on entry of his herd, and annually thereafter, a herd entry fee of £2, together with a fee of 10s., repayable at each lactation period, for each cow submitted to test. Provided that, in respect of a herd owned solely by a returned soldier and being his bona fide property, the fees chargeable shall, during the first five years the herd is under test, and no longer, be one half the amounts above specified; that is a herd entry fee of £1 payable on entry and annually thereafter, and a fee of 5s. per cow, payable on entry and repayable at each lactation.

Period of Official Test.

4. (*a*) The official lactation period shall occupy 273 days, which may be extended to 365 days on the request of the owner. Such request must be submitted to the officer in control not later than one month prior to the expiration of the 273 days period.

(*b*) The official lactation period shall commence Five clear days after calving. The first five days' yields after calving shall not be included in the testing period.

COMPUTING OFFICIAL RECORDS.

5. The yield for the official lactation period shall be calculated as follows:—

(*a*) The lactation period shall consist in the case of the 273 days' record of nine (9) sub-periods, covering respectively eight (8) sub-periods of 30 days and one (1) of 33 days; in the case of the 365 days' record, of eleven (11) sub-periods of 30 days and one (1) of 35 days, except in case of cows not completing the full sub-period, in which case the lactation shall conclude with a sub-period of the completed days.

(*b*) The cows shall be tested once in each sub-period at approximately equal intervals of time.

(*c*) The official yield shall be the sum of the yields of each sub-period.

(*d*) The yield for each sub-period shall be calculated as follows:—

The milk-yield shall be that of the official check-day multiplied by the length of the sub-period.

The butter fat yield shall be the amount of butter fat calculated by test of the same 24 hours' milk yield multiplied by the length of the sub-period.

(*e*) All cows as far as possible should be tested within the last week of their official lactation period. Cows that are tested for first sub-period within 15 days after calving must be submitted to ten (10) tests in the case of the 273 days' official period and 13 tests in the case of the 365 days' period in place of 9 and 12 tests respectively. The 9th and 10th tests and 12th and 13th tests to be averaged.

6. The tests shall be carried out as far as possible at intervals of 30 days (*Vide* rule 5*b*). In the event of it not being possible so to do the tests may be taken not more than 35 days nor less than 25 days after the preceding test; and if this is not practicable, the calculations for the period under test shall be averaged as in the case of an abnormal test (*Vide* rule 7), except that, in addition to the tests of the preceding and succeeding months, the weights and tests of the sub-period under review when taken will also be included in making the average.

Additional visits may be made for the purpose of taking supplementary samples at any time.

AVERAGING ABNORMAL TESTS.

7. In cases of cows appearing to be sick or testing abnorally, i.e., more than 25 per cent. above or below normal milk and fat yield, at the time of the Tester's visit, such tests shall not be registered, but an average made from the proximate and succeeding tests. Any such sickness shall be reported to the Department by the official Tester. Where the first test is abnormal it shall be discarded and the yield for the first sub-period shall be calculated on the average test of the next two periods.

WHERE FIRST TEST IS TAKEN TWO MONTHS AFTER CALVING.

8. Where owners are commencing to test their herds for the first time or where it has been found impracticable to test certain cows until after they have been calved for a period of two months or more the

Department may on the receipt of a statutory declaration from the owner or other acceptable proof as to the date of calving to credit these cows' yields with 60 days' production, based on the first 24 hours' test made by the official Tester.

Who Shall Be Official Testers.

9. (*a*) The official testing of cows shall be carried out by qualified officers appointed by the Department of Agriculture. In districts in which testing is carried out on the farm, the officers shall be changed as often as possible.

Where Testing Shall Be Carried Out.

9. (*b*) It shall be at the option of the Department to test either on the farm or send the samples under adequate protection to be tested at some approved centre; i.e., the Government Analyst's Laboratory.

Official Supervision.

10. The owner must state at time of entry, or at the request of the testing officer, the hours at which he intends to start his milkings. These times are then to be regarded as his scheduled milking-hours, and must not be departed from without three days' preliminary notice to the Chief Veterinary Inspector. The testing officer has the right to see that all cows are milked out under his supervision at the milking prior to the official 24 hours' test commencing.

Daily Weighing and Recording.

11. The owner undertakes that the milk of each cow under test shall be weighed on officially approved scales, and recorded, at each milking, on a chart provided by the Department of Agriculture, except on checking days, when the weighing and recording shall be done by the official tester. After thoroughly mixing such milk the official shall take a sample for the official test. The milk from each milking shall be recorded and tested as separate units and the composite test computed therefrom. No milk weight shall be credited to any cow unless the aggregate of all milkings in the 24 hours totals 4 lb. or over.

Accommodation of Testers.

12. Every facility is to be afforded by the herd owner to Testers in carrying out their duties in connexion with the scheme and accommodation provided overnight if necessary.

Particulars of Date of Calving, Etc.

13. (*a*) Owners must supply on the request of the Department particulars as to the date of calving and services, manner of feeding and details as to the class, quantity, &c., or any other details regarding the rations fed during the period of the test and when deemed advisable by the Department shall allow samples of the different foods supplied to be taken for analysis.

(*b*) All particulars required by the Department shall be made by sworn declaration when deemed necessary.

Issue of Records and Certificates.

14. (*a*) A Government Certificate will be issued in respect of every cow which attains the standard and such Certificate shall include particulars as to breed, age, brands and marks including the official marks,

the length of testing period, date of completion of test and the yield in milk and butter fat and the weight of milk on the day of the last official test.

(*b*) A certificate issued in respect of any cow shall if she attains the standard at any subsequent lactation period be returned to the Department for endorsement thereon of the result of each successive lactation period.

(*c*) All calculations shall be made, recorded and published in terms of pounds of milk and butter-fat only.

(*d*) Records of all cows submitted to the test shall be published including those that fail to reach the official standard.

15. The standards upon which certificates shall be issued are as follows:—

Junior 2 year old	..	200 lb.	butter fat
Senior 2 ,, ,,	..	225 ,,	,, ,,
Junior 3 ,, ,,	..	250 ,,	,, ,,
Senior 3 ,, ,,	..	275 ,,	,, ,,
Junior 4 ,, ,,	..	300 ,,	,, ,,
Senior 4 ,, ,,	..	325 ,,	,, ,,
Mature cows ..	..	350 ,,	,, ,,

Junior animal in each class shall be one which is 2, 3, or 4 years of age, or over, on day of calving, but under such age, plus 6 months.

Senior animal in each class shall be one which is $2\frac{1}{2}$, $3\frac{1}{2}$ or $4\frac{1}{2}$ years of age, or over on day of calving, but under such age, plus 6 months.

All standard cows shall be so branded or marked, as to be identifiable, with the certificate issued.

Exemptions.

16 (*a*) On a written application from the owner stating exceptional circumstances and endorsed by the Director of Agriculture, the Minister may exempt any number of cows not exceeding 50 per cent. from the test, provided that, all cows must be tested at least once before reaching four (4) years of age, and at least once again before reaching eight (8) years of age.

(*b*) Any cow that aborts her calf during a lactation period shall forthwith be withdrawn from the test.

(*c*) Exemptions from the test may be granted in respect of cows which come within the following category:—

> Cows over ten (10) years of age or those that are sick, diseased or injured in such a manner as in the opinion of the officer in control to seriously impair such cows' capacity for milk production.

Feeding Milk or Cream to Cows.

17. The feeding of whole milk or cream to cows undergoing test is prohibited as being a wasteful practice. Any records obtained from cows so fed will be disallowed.

Disqualifications.

18. Should the owner of any herd entered for testing not conform to these regulations such herd shall be subject to disqualification for such period as the Minister may determine.

COWS IN ORDER OF MERIT.

Cows over 4 Years of Age or on Third Lactation Period—250 lbs. Standard.

Order of Merit	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
1	Dominion Queen Mercedes	Flack and Sewell ..	Friesian	21,374	3·37	719·58	Woodcrest Jo (imp.)
2	Springfield de Kol ..	Flack and Sewell ..	„	17,811	3·74	665·54	Rosevale Inka Sylvia Posch
3	Cherry of Willow Park..	W. K. Atkinson ..	Shorthorn	15,880	4·00	635·92	Havelock of Darbalara
4	Trixie of Medburn Grove	C. Bamford ..	Ayrshire	11,852	4·90	581·23	St. Elfred of Willow Vale
5	Holland Lass 2nd of Berry	Flack and Sewell ..	Friesian	15,791	3·58	565·56	Sultan La Polka
6	Pauline of Ashby ..	Dickinson Bros. ..	„	15,979	3·49	557·81	Pearl's Prince of Brundee
7	Beauty 4th of Somerville	J. Hutchinson ..	Jersey	10,481	5·27	552·05	Annette's 2nd Twylish of Kings Vale
8	Thana of Somerville ..	Finn Bros. ..	„ ..	9,742	5·65	550·44	Annette's 2nd Twylish of Kings Vale
9	Morven Pearl 8th ..	Kerr Bros. ..	Shorthorn	13,903	3·95	548·49	Manor York Rose 1st
10	Monovale Juno Paxton	J. Plattfuss ..	Friesian	15,369	3·55	544·87	Prince Pietje Paxton (imp.)
11	Keynote	T. Mesley ..	Jersey	9,501	5·73	544·05	Skim of Dunalister
12	Babe of Medburn Grove	C. Bamford ..	Ayrshire	13,811	3·91	541·01	Leo of Gleneira
13	Dominion Homestead Maggie	Flack and Sewell ..	Friesian	16,562	3·26	540·54	Longbeach Primrose League
14	Soprano 2nd of Banyule	C. G. Lyon ..	Jersey	9,365	5·66	529·71	Mabel's Chief (imp.)
15	Graceful Countess of Lesterfield	T. Harvey ..	„ ..	8,189	6·45	528·22	Handsome Boy 3rd of Melrose
16	Empress of Jerseyholm..	T. Harvey ..	„ ..	8,702	6·06	526·92	Emperor
17	Queenie of Ashby ..	Dickinson Bros. ..	Friesian	14,158	3·72	526·00	Pearl's Prince of Brundee
18	Charmain	T. Mesley ..	Jersey	10,696	4·89	523·24	Silver Fox
19	Lily of Holly Green ..	H. L. Webb ..	Ayrshire	12,706	4·09	520·09	Rex of Oakbank
20	Dominion Hyacinth ..	Department of Agriculture	Friesian	13,373	3·80	518·60	Oak de Kol 2nd Homstead Fobes (imp.)
21	Gold Bell of Methven ..	C. Deverell ..	Jersey	10,948	4·72	516·92	Bloodshot of Tarnpir
22	Coleus of Springhurst ..	R. J. Henry ..	„	7,740	6·57	508·26	Brighton Cub
23	Princess Royal of Springhurst	Finn Bros. ..	„	9,613	5·26	505·69	Young Defiance
24	Molly 4th of Banyule ..	C. G. Lyon ..	„	9,966	5·07	505·24	Starbright's Lord Twylish
25	First Choice of Hill Crest	Leongatha High School	„	8,845	5·66	501·01	Black Prince of Mt. Crawford
26	Treasure of Medburn Grove	C. Bamford ..	Ayrshire	10,789	4·61	496·88	St. Elfred of Willow Vale
27	Werribee Starbright 9th	C. D. Lloyd ..	Jersey	9,128	5·42	494·61	Island Butter King (imp.)
28	Hibiscus of Springhurst	H. Luxton ..	„	9,881	4·95	489·26	Petain
29	Pansy 4th of Ferntree Vale	Gibson Bros. ..	„	7,509	6·41	481·61	Linda's 15th Twylish of King's Vale
30	Myrtle of Springhurst ..	R. J. Henry ..	Jersey	8,118	5·93	481·09	Investigator of Melrose
31	Poppy of Ben Kell ..	R. Ralston ..	Ayrshire	10,243	4·70	481·06	Girvan of Oakbank
32	Blush of Willow Park ..	W. K. Atkinson ..	Shorthorn	10,829	4·42	478·21	Havelock of Darbalara
33	Pigeon of Kameruka ..	Alston Estate ..	Jersey	7,793	6·13	477·86	Silver King
34	Silvermine 21st of Banyule	H. Luxton ..	„	7,533	6·34	477·76	Audrey's Ford Twylish
35	Sweet Nell of Hill Crest	Mrs. E. M. Lennie	„	9,862	4·94	476·92	Black Prince of Mt. Crawford
36	Minuet of Banyule ..	C. Deverell ..	„	8,471	5·63	476·30	Mabel's Chief (imp.)
37	First Choice of Hill Crest	Leongatha High School	„	8,155	5·83	475·25	Black Prince of Mt. Crawford
38	Cellia of Woorayl ..	Leongatha High School	„	8,654	5·48	474·25	Butter Boy
39	Science of Springhurst	Finn Bros. ..	„	8,363	5·59	473·55	Brighton Cub
40	Lassie Fowler 7th of Melrose	O. G. Handbury ..	„	7,959	5·93	472·15	Handsome Boy 5th of Melrose
41	Ixia of Springhurst ..	C. Deverell ..	„	9,886	4·73	467·28	Brighton Cub
42	Jessie 24th of Melrose ..	W. Woodmason ..	„	8,186	5·69	465·89	Golden Fern's Viscount (imp.)
43	Silvermine 14th of Banyule	C. G. Lyon ..	„	9,864	4·70	464·97	Mabel's Chief (imp.)
44	May Queen 2nd ..	Jones and Son ..	Friesian	10,200	4·55	464·45	Annette's Prince
45	Creamy of Lesterfield ..	Fixter and Son ..	Jersey	9,462	4·91	464·36	Lesterfield Boy
46	Silvermine 18th of Banyule	C. G. Lyon ..	„	9,211	5·02	462·32	Mabel's Chief (imp.)
47	St. Alban's Gem ..	Jones and Son ..	Friesian	13,537	3·41	461·97	Pearl's Prince of Brundee
48	Tulip of Meridale ..	Finn Bros. ..	Jersey	9,027	5·11	461·31	Dinah's Model of Kings Vale
49	Canary of Lesterfield ..	P. Chirnside ..	„	8,614	5·31	459·68	Lesterfield Boy
50	Viola of Sparrovale ..	Geelong Harbour Trust	Ayrshire	9,742	4·70	458·26	Scottish King of Gowrie Park
51	Jonquil of Springhurst	J. D. Read ..	Jersey	8,336	5·49	458·02	Attraction of Springhurst

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
52	Bolobek Annie ..	O. J. Syme ..	Friesian	12,568	3·64	457·11	Rhoda Prince of Rubicon (imp.)
53	Duchess 10th of Kyora ..	J. E. Chadderton ..	Jersey	8,964	5·07	454·43	Favourite's Twylish of Kyora Kyora
54	Peerless of Ferntree Vale	Gibson Bros. ..	,,	7,943	5·69	452·01	Linda 2nd Lad of Kings Vale
55	Primrose 2nd of Melrose	R. H. Maher ..	,,	8,066	5·60	451·89	Golden Fern's Viscount (imp.)
56	Cordyline Inka de Kol ..	Jones and Son ..	Friesian	11,355	3·98	451·84	Cordyline Colantha Hero
57	Silvermine 16th of Banyule	Finn Bros. ..	Jersey	7,992	5·64	450·94	Mabel's Chief (imp.)
58	Silver Bell of Kameruka	Alston Estate ..	,,	7,683	5·84	448·75	Silver King
59	Dauphine of Springhurst	E. A. Dennis ..	,,	7,017	6·39	448·37	Investigator of Melrose
60	Golden Noble Duchess (imp.)	C. D. Lloyd ..	,,	7,514	5·96	447·59	Golden Fern's Noble
61	Nimitabel of Kameruka	F. Trevaskis ..	,,	9,703	4·57	443·03	Silver King
62	Romneya of Springhurst	J. D. Read ..	,,	7,792	5·66	440·72	Petain
63	Creamy 3rd of Lesterfield	Gibson Bros. ..	,,	7,196	6·10	438·90	Lesterfield Boy
64	Lady Choice of Tarnpirr	W. Tendeson ..	,,	7,789	5·62	438·49	Lotus King of Staghorn
65	Blanche Rose 9th ..	W. K. Atkinson ..	Shorthorn	11,297	3·86	435·81	Poplar Vale Prince 9th
66	Stumpy 4th of Holmwood	Mrs. E. M. Lennie	Jersey	9,263	4·70	435·05	Andrey's Lord Twylish
67	Cutty	Department of Agriculture	Red Poll	9,699	4·48	434·57	Nicotine
68	Fuchsia 13th of Melrose	Jones and Son ..	Jersey	7,792	5·58	434·47	Lady of Melrose 2nd's Noble
79	Duplicate Posch Maud ..	O. J. Syme ..	Friesian	13,699	3·17	434·36	Duplicate Posch
70	Monovale Amethyst Paxton	Flack and Sewell ..	,,	10,987	3.95	434·05	Prince Pietje Paxton
71	Foxglove 2nd of Tarnpirr	Finn Bros. ..	Jersey	6,681	6·49	433·47	First Choice of Melrose
72	Nightshade of Springhurst	J. D. Read ..	,,	8,805	4·92	433·33	Young Defiance
73	Grevillea of Springhurst	H. Luxton ..	,,	7,227	5·56	432·88	Attraction of Springhurst
74	Graceful Duchess 19th of Melrose	W. Woodmason ..	,,	6,752	6·41	432·75	Handsome Boy 5th of Melrose
75	Alvie of Roseleigh ..	G. Gange ..	Ayrshire	10,225	4·23	432·18	Burleigh of Gowrie Park
76	Dominion Coringa ..	Department of Agriculture	Friesian	11,404	3·79	431·73	Woodcrest Jo (imp.)
77	Virginia of Springhurst	J. D. Read ..	Jersey	7,024	6·13	430·61	Haig of Springhurst
78	Beauty of Craigneil ..	Jones and Son ..	Friesian	12,901	3·55	429·75	Canterbury Statesman
79	Trixie of Tarnpirr ..	Finn Bros. ..	Jersey	7,346	5·85	429·43	Morocco's Carnation's Fox
80	Dolly 4th of Glengowrie	Telford Estate ..	Ayrshire	9,672	4·33	428·77	Bruce 2nd of Glengowrie
81	Phillis 2nd of Warenda ..	P. Chirnside ..	Jersey	8,466	5·06	427·97	Jessie's Handsome Boy
82	Queen Elizabeth ..	Department of Agriculture	Red Poll	10,204	4·19	427·20	Nicotine
83	Monovale Catriona Paxton	Flack and Sewell ..	Friesian	11,651	3·66	426·50	Prince Pietje Paxton
84	Lassie Fowler 4th of Melrose	W. Woodmason ..	Jersey	7,696	5·54	426·03	Pretty Noble (imp.)
85	Graceful Duchess 11th of Melrose	W. Woodmason ..	,,	7,253	5·88	425·77	Mystery's Son of Melrose
86	Lady Elector 3rd of Melrose	W. Woodmason ..	,,	7,552	5·63	425·08	Pretty Noble (imp.)
87	Annette of Colac ..	W. H. Axford ..	,,	7,917	5·37	424·97	Twylish's Queen's Fox
88	War Wings	Department of Agriculture	Red Poll	10,559	4·15	423·94	Longford Major (imp.)
89	Jennie de Kol ..	O. J. Syme ..	Friesian	11,516	3·70	423·94	Duplicate Posch
90	Jubilee Red Rose ..	Miss B. Reid ..	Jersey	8,054	5·24	422·38	Twylish's Madeira Fox 2nd of Werribee
91	Bluebell of Jerseyholm ..	T. Harvey ..	,,	7,094	5·95	422·26	Venture's Hero
92	Beauty's Daffodil of Lesterfield	A. Fixter ..	,,	8,238	5·12	422·07	Lesterfield Boy
93	Regina of Tarnpirr ..	Alston Estate ..	,,	6,193	6·80	421·38	Amy's Choice of Tarnpirr
94	Dahlia of Springhurst ..	J. D. Read ..	,,	6,601	6·37	420·79	Petain
95	Dina	J. Carter ..	Friesian	9,201	4·57	420·68	Tom
96	Marjorie of Langley Park	Callery Bros. ..	Ayrshire	11,074	3,80	420·47	Royalty of Rythdale
97	Dominion Segis Fobes ..	R. Ferguson ..	Friesian	12,429	3·37	418·19	Woodcrest Joe (imp.)
98	Cornflower of Springhurst	J. D. Read ..	Jersey	7,592	5·49	417·09	Brighton Cub
99	Phyllis of Ashby ..	Dickinson Bros. ..	Friesian	11,562	3·59	415·53	Pearl's Prince of Brundee
100	Boltonia of Springhurst	J. D. Read ..	Jersey	8,184	5·07	415·02	Attraction of Springhurst
101	Her Royal Highness ..	Jones and Son ..	Friesian	12,455	3·32	413·58	Pearl's Prince of Brundee
102	Bolobek Anabell ..	O. J. Syme ..	,,	11,079	3·72	412·64	Indulge Johanna Lad
103	Valda's Queen of Somerville	Finn Bros. ..	Jersey	8,766	4·70	411·69	Rochdale King
104	Iris 2nd of Carracoorte	W. Henderson ..	Ayrshire	9,472	4·34	411·22	Victorious of Warrook
105	Alice of Woorayl ..	Leongatha High School	Jersey	6,717	6·12	411·10	Noble Empire
106	Orange Blossom of Tarnpirr	Alston Estate ..	,,	7,928	5·17	409·81	My Queen's Choice of Tarnpirr
107	Dominion Violet Fobes	Flack and Sewell ..	Friesian	14,538	2·82	409·31	Woodcrest Jo (imp.)

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
108	Preston Princess ..	C. S. Walker ..	Jersey	7,861	5·21	409·29	Bostock of Tarnpirr
109	Springfield No. 4 ..	Flack and Sewell ..	Friesian	11,941	3·42	408·72	Rosevale Inka Sylvia Posch
110	Silvermine 22nd of Banyule	C. G. Lyon ..	Jersey	7,767	5·26	408·62	Audrey's Lord Twylish
111	Graceful Countess 2nd of Lesterfield	P. Chirnside ..	,,	6,454	6·33	408·37	Quality 6th's Son of Melrose
112	Plumbago of Springhurst	J. D. Read ..	,,	7,708	5·28	407·09	Petain
113	Tulip Flower	Jones and Son ..	Friesian	12,624	3·22	406·98	Canterbury Statesman
114	Lily 6th of Melrose ..	E. A. Dennis ..	Jersey	7,484	5·43	406·34	Handsome Boy 3rd
115	Pearl 5th of Holmwood	H. Luxton ..	,,	8,537	4·75	405·63	Audrey's Lord Twylish
116	Jessie 15th of Melrose ..	W. Woodmason ..	,,	6,571	6·16	404·74	Pretty Noble (imp.)
117	Canary 2nd of Lesterfield	Mrs. T. Beard ..	,,	6,582	6·15	404·72	Quality 6th's Son of Melrose
118	Fushsia of Springhurst..	E. A. Dennis ..	,,	7,984	5·05	403·16	Attraction of Springhurst
119	May of Clover Flat ..	O. G. Handbury ..	,,	7,770	5·19	402·93	Prince Noreen
120	Welcome of Tarnpirr ..	Alston Estate ..	,,	6,077	6·63	402·74	First Choice of Melrose
121	Lady of Greenwood ..	K. McGarvie ..	,,	6,971	5·76	401·26	Foxy Duke of Greenwood
122	Thelma of Meryula ..	Jones and Son ..	,,	7,832	5·11	400·54	Larkspur's Twylish 2nd
123	Forty Winks of Targoora	J. Scott	,,	7,514	5·33	400·45	Lotina's Defender
124	Laura 12th of Melrose ..	R. H. Maher ..	,,	6,655	5·99	398·68	Golden Fern's Viscount (imp.)
125	Phillis of Luscombe ..	T. Mesley ..	,,	8,632	4·61	397·85	Skim
126	Cloudy of Somerville ..	H. Luxton ..	,,	7,335	5·41	396·60	Annette's 2nd Twylish of Kings Vale
127	Countess 2nd of Springhurst	J. D. Read ..	,,	7,496	5·29	396·46	Attraction of Springhurst
128	Bainfield No. 40 (imp.)..	Flack and Sewell ..	Friesian	11,587	3·50	394·96	Medbury Prince
129	Sparkle 2nd of Jerseyholm	T. Harvey ..	Jersey	6,764	5·84	394·82	Venture's Hero
130	Lily of Ferntree Vale ..	H. Luxton ..	,,	7,510	5·25	393·99	Audrey's Lord Twylish
131	Linda of Medburn Grove	C. Bamford ..	Ayrshire	10,105	3.89	393·50	Lord Harry
132	Buttercup 12th of Ferntree Vale	Gibson Bros. ..	Jersey	6,603	5·96	393·46	Starbright Renard
133	Burnside Korndyke Riverdale (imp.)	O. J. Syme ..	Friesian	13,586	2·89	393·22	Sir Riverdale Echo Lyons
134	Dunalister Perrees Capture	D. Peter	Jersey	7,135	5·50	392·53	Perrees Duke (imp.)
135	Daffodil Mercena ..	Jones and Son ..	Friesian	10,443	3·76	392·45	King Mercena
136	Bolobek May ..	O. J. Syme ..	,,	12,334	3·16	389·89	Indulge Johanna Lad
137	Bolobek Rose.. ..	Jones and Son ..	,,	11,525	3·38	389·85	Colantha Ponteac
138	Moonbeam of Medburn Grove	C. Bamford ..	Ayrshire	9,160	4·26	389·82	Leo of Gleneira
139	Jubilee Daffodil ..	Miss B. Reid ..	Jersey	7,489	5·20	389·78	Jubilee May 2nd's Prince
140	Butter Queen 2nd of Meryula	Jones and Son ..	,,	7,337	5·30	389·15	Meryula
141	Mary Anne of Banyule..	H. Luxton ..	,,	7,461	5·21	389·03	Earl Twylish of Kameruka
142	Dot of Golden Vein ..	W. J. McKernan ..	Ayrshire	8,437	4·60	388·19	Ernie of Willow Vale
143	Graceful Duchess 17th of Melrose	W. Woodmason ..	Jersey	6,116	6·03	388·17	Handsome Boy 5th of Melrose
144	Lady Monica 7th of Kings Vale	J. Anderson, Jr. ..	,,	6,397	6·05	387·27	Carnation's Fancy Northwood King
145	Pico	Department of Agriculture	Red Poll	9,884	3·92	387·02	Belligerent (imp.)
146	Dunalister Perrees Attractive	D. Peter	Jersey	6,620	5·84	386·88	Perrees Duke (imp.)
147	Maid of Linden ..	H. Luxton ..	,,	8,061	4·80	386·54	Defence of Linden
148	Waverly Lass 3rd of Melrose	J. A. Huffer ..	,,	6,011	6·42	385·99	Handsome Boy 5th of Melrose
149	Bluebell of Strathbow ..	O. G. Handbury ..	,,	7,209	5·33	384·17	Mac of Tarnpirr
150	Phoebe of Ashby ..	Dickinson Bros. ..	Friesian	10,538	3·65	384·10	Pearl's Prince of Brundee
151	Jenny Lind 13th of Melrose	R. H. Maher ..	Jersey	7,204	5·32	383·56	Golden Fern's Viscount (imp.)
152	Adella's Pet of Inverleigh	A. H. Schier ..	Ayrshire	9,743	3·93	383·10	Major of Gowrie Park
153	Fancy Queen of Ferndale	D. C. Miller ..	Jersey	8,477	4·50	382·27	Lord Grey
154	Dominion Belle Corona	Department of Agri-	Friesian	10,799	3·54	382·03	Oak de Kol Homestead Fobes
155	Countess of Willow Park	W. K. Atkinson ..	Shorthorn	9,000	4·24	381·99	Havelock of Darbarlara
156	Morven Duchess 15th ..	Kerr Bros. ..	,,	10,024	3·81	381·57	Morven York Rose 10th
157	Ettie of Banyule ..	G. Vallence ..	Ayrshire	8,504	4·49	381·49	The Lad of Banyule
158	Woodmore Fairy ..	T. H. Payne ..	Jersey	6,144	6·20	381·23	Werribee Twylish's Queen's Fox 2nd
159	Red Madge of Gleneira	C. Bamford ..	Ayrshire	8,211	4·63	380·38	Eclipse of Gleneira
160	Beauty of Quarry Hills..	H. D.W. Canobio ..	,,	8,306	4·56	378·66	Jimmie of View Point
161	Dunalister Noble Czarina	D. Peter	Jersey	7,951	4·72	374·88	Dunalister's Noble
162	Lucy of Kings Vale ..	J. Anderson, Jr. ..	,,	6,134	6·11	374·85	Lucy's Noble of Oaklands
163	Keepsake of Tarnpirr ..	E. A. Dennis ..	,,	7,282	5·15	374·82	First Choice of Melrose
164	Eldelweiss of Springhurst	J. D. Read ..	,,	6,641	5·64	374·65	Fisher of Springhurst

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
165	Tulip of Meridale ..	F. W. Beischer ..	Jersey	6,636	5·63	373·90	Dinah's Twylish 2nd of Kings Vale
166	Cutty Sark	Department of Agriculture	Red Poll	8,847	4·22	373·25	Belligerent (imp.)
167	Lady Grey 14th of St. Albans	H. Luxton ..	Jersey	7,071	5·27	372·96	Brighton King 8th
168	Clover of Springhurst ..	J. D. Read ..	,,	6,833	5·45	372·62	Brighton Cub
169	Fox's Clementine 2nd ..	F. Bidgood ..	,,	6,699	5·56	372·53	Carnation's Fox
170	Sunset Star of Dunalister	Leongatha High School	,,	7,385	5·04	371·88	Lord Brighton of Dunalister
171	Nellie of Craigneil ..	Jones and Son ..	Friesian	10,879	3·42	371·67	King Mercena
172	Adora of Fernhill ..	Telford Estate ..	Ayrshire	8,419	4·43	370·69	Glen Elgin's Ian
173	Peerless 20th of Melrose	R. H. Maher ..	Jersey	6,561	5·65	370·47	Golden Fern's Viscount (imp.)
174	Ina of Craigneil ..	Jones and Son ..	Friesian	11,053	3·35	370·38	King Mercena
175	Morven Pansy 7th ..	Kerr Bros. ..	Shorthorn	9,055	4·08	369·50	Manor York Rose 1st
176	Tulip Flower	Jones and Son ..	Friesian	11,132	3·31	368·44	Canterbury Statesman
177	Gingerbread of Glen Iris	C. D. Lloyd ..	Jersey	6,687	5·51	368·28	Mabel's Chief (imp.)
178	Aspasia of Banyule ..	G. Vallence ..	Ayrshire	9,541	3·86	368·18	Highcourt of Banyule
179	Banksia of Springhurst	Mrs. I. Beard ..	Jersey	7,331	5·01	367·59	Bulwark
180	Werribee Northwood Maderia 6th	P. Chirnside ..	,,	6,208	5·92	367·53	Northwood King (imp.)
181	Dainty Maid of Ben Kell	R. Ralston ..	Ayrshire	7,909	4·64	366·79	Marvel of Willow Vale
182	Lilac of Tarnpirr ..	Jones and Son ..	Jersey	7,304	5·02	366·71	Ilford
183	Mellot of Springhurst ..	J. D. Read ..	,,	6,952	5·27	366·68	Petain of Springhurst
184	Annie G. of Tarnpirr ..	Alston Estate ..	,,	6,215	5·90	366·29	First Choice of Melrose
185	Daphne of Ayrbrae ..	McFarlane Bros. ..	Ayrshire	7,720	4·74	365·97	Earl of Drayton
186	Morven Duchess 13th ..	Kerr Bros. ..	Shorthorn	9,490	5·85	365·82	Charming Duke 27th
187	Ida Brown of Balvormie	J. F. Tuckey ..	Ayrshire	8,126	4·50	365·80	Ada's Raglan of Balvormie
188	Marguerite of Springhurst	Mesdames Lithgow and Benson	Jersey	6,284	5·80	364·23	Petain of Springhurst
189	Alma of Langley Park	Callery Bros. ..	Ayrshire	8,668	4·19	363·49	Bonnie's Chief of Victoria Bank
190	Kirsty 7th of Jerseyholm	T. Harvey ..	Jersey	6,117	5·93	363·02	Venture's Hero
191	Buttercup 12th of Ferntree Vale	Gibson Bros. ..	,,	6,341	5·72	362·76	Starbright Renard
192	Lassie Fowler 8th of Melrose	R. H. Maher ..	,,	6,042	6·00	362·71	Golden Fern's Viscount (imp.)
193	Romany Girl 2nd of Tarnpirr	F. Trevaskis ..	,,	6,918	5·24	362·58	First Choice of Melrose
194	Lady Virtue 2nd of Wilson House	A. H. Schier ..	Ayrshire	9,997	3·63	362·46	Ada's Douglas 2nd of Wilson House
195	Mona of Hill Crest ..	Leongatha High School	Jersey	7,354	4·93	362·39	Black Prince of Mt. Crawford
196	Snowdrift of Gleneira ..	C. Lees	Ayrshire	8,340	4·34	362·02	Triumph of Gleneira
197	Dunalister Noble Myrtle ..	D. Peter	Jersey	6,754	5·35	361·62	Dunalister's Noble
198	Morven Cressida ..	Kerr Bros. ..	Shorthorn	8,942	4·03	360·12	Manor York Rose
199	Royal Sun Ray ..	E. A. Dennis ..	Jersey	7,224	4·98	359·63	Peerless Lord Twylish
200	Shadow of Luscombe ..	Mrs. I. Beard ..	,,	7,022	5·12	359·43	Skim of Dunalister
201	Laurie	Gibson Bros. ..	,,	6,168	5·81	358·48	Clementine 2nd's Beau
202	Belladonna of Springhurst	J. D. Read ..	,,	7,467	4·78	357·19	Attraction of Springhurst
203	Rita of Linden ..	F. W. Beischer ..	,,	6,940	5·14	356·99	The Chief of Linden
204	Bertha of Winslade ..	C. Lees	Ayrshire	8,176	4·36	356·77	Bowler of Seafield
205	Cream Lass of Somerville	J. Hutchinson ..	Jersey	6,201	5·74	356·16	Lily's Pride of Holmwood
206	Nanette 2nd of Warenda	Mrs. I. Beard ..	,,	5,979	5·95	355·92	Skim of Dunalister
207	Music of Warenda ..	P. Chirnside ..	,,	6,587	5·39	355·10	Jessie's Handsome Boy
208	Flowing Vale Dewpop ..	Evans Bros. ..	Red Poll	7,776	4·55	354·70	Bellum Victor
209	Oatland's Polly ..	J. Thorburn ..	Ayrshire	8,046	4·40	354·30	Captain Tasman
210	Gipsy Girl of Sparrovale	Geelong Harbour Trust	,,	7,515	4·71	353·97	Scottish King of Gowrie Park
211	Pearl of Willow Park ..	W. K. Atkinson ..	Shorthorn	9,815	3·60	353·82	Havelock of Darbalara
212	Romany Girl 3rd of Tarnpirr	Alston Estate ..	Jersey	5,295	6·68	353·79	Prince of Tarnpirr
213	Leonie of Clarendonayre	J. A. J. Morris ..	,,	6,054	5·08	353·33	Lotina's Larkspur Lord Twylish
214	Jane 2nd of Greenwood	K. McGarvie ..	,,	7,225	4·89	353·12	Grey Fox
215	Vic Corunna	Department of Agriculture	Friesian	9,202	3·84	353·11	Dominion Domino Dutch Boy
216	Trissie of Wethersdane	Telford Estate ..	Ayrshire	8,076	4·37	352·81	His Majesty of Wethersdane
217	Adeline of Ellerslie ..	Longerenong Agricultural College	,,	7,697	4·57	352·03	Leila's Jamie of Ellerslie
218	Duchess of Goulburn ..	P. J. Ducat ..	Jersey	6,266	5·62	351·99	Defencer's Claribelle Noble
219	Jubilee Azalia Winks ..	Miss B. Reid ..	,,	5,877	5·99	351·88	Goddington Winks 6th (imp.)
220	Joy of Tarnpirr ..	F. Trevaskis ..	,,	5,776	6·09	351·79	My Queen's Choice of Tarnpirr

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
221	Queen Curley ..	Jones and Son ..	Friesian	10,244	3·43	351·71	King Mercena
222	Morven Duchess 13th ..	Kerr Bros. ..	Shorthorn	8,906	3·95	351·57	Charming Duke 27th
223	Lucerne of Springhurst..	J. D. Reid ..	Jersey	6,163	5·70	351·12	Young Defiance
224	Jenny Lind 15th of Melrose	Jones and Son ..	,,	6,277	5·59	351·03	Golden Fern's Viscount (imp.)
225	Beauty of Medburn Grove	C. Bamford ..	Ayrshire	7,584	4·63	350·80	St. Elfred of Willow Vale
226	Roseleaf of Langley Park	Callery Bros. ..	,,	8,394	4·17	349·82	Bonnie's Chief of Victoria Bank
227	Jessie 21st of Melrose ..	W. Woodmason ..	Jersey	6,004	5·81	348·81	Handsome Boy 5th of Melrose
228	Sarah of Glen Alvie ..	G. Gange ..	Ayrshire	7,774	4·36	348·67	Triumph of Gleneira
229	Jenny Lind 9th of Melrose	W. Woodmason ..	Jersey	5,722	6·09	348·63	Pretty Noble (imp.)
230	Domino Fobes of Yarra Brae	Flack and Sewell ..	Friesian	10,184	3·42	348·59	Dominion Domino Dutch Boy
231	Mayflower of Sparrovale	Geelong Harbour Trust	Ayrshire	7,680	4·54	348·56	Jamie of Sparrovale
232	St. Albans Lady ..	Jones and Son ..	Friesian	9,439	3·69	348·35	Pearl's Prince of Brundee
233	Empire 6th of Melrose ..	W. Woodmason ..	Jersey	6,344	5·49	348·33	Pretty Noble (imp.)
234	Morven Queenie 9th ..	W. K. Atkinson ..	Shorthorn	8,794	3·96	348·19	Manor York Rose 1st
235	Rye Bread of Glen Iris	C. D. Lloyd ..	Jersey	6,632	5·25	348·03	Mabel's Chief (imp.)
236	Tragedy of Linden ..	F. W. Beischer ..	,,	6,852	5·08	347·91	The Chief of Linden
237	Avesia	Department of Agriculture	Red Poll	8,161	4·25	346·90	Nicotine
238	Countess Lulu of Corfield	R. Ferguson ..	Friesian	9,689	3·58	346·78	De Kol Artis Rooker
239	Buttercup of Bonshaw	P. J. Maloney ..	Jersey	6,298	5·50	346·68	The Pilot of Tarnpirr
240	Brighton Princess of Springhurst	C. Daverell ..	,,	6,789	5·10	346·27	Brighton Cub
241	Ruby of Banyule ..	G. Vallence ..	Ayrshire	8,178	4·23	346·21	Rob of Banyule
242	Fairy Queen of Springvale	R. C. Campbell ..	Jersey	6,207	5·57	346·04	Comedy King of St. Albans
243	Trefoil 2nd of Springhurst	J. D. Read ..	,,	5,960	5·97	346·01	Attraction of Springhurst
244	Woodbine of Seafield ..	J. G. Lobb ..	Ayrshire	5,918	5·84	345·59	Prince of Seafield
245	Highland Queen of Evergreen	H. S. Gibson ..	,,	8,008	4·31	345·27	Luminous of Drayton
246	Kenta of Somerville ..	J. Hutchinson ..	Jersey	6,194	5·58	345·52	Rochdale King
247	Morven Duchess 14th ..	Kerr Bros. ..	,,	9,028	3·82	345·07	Charming Duke
248	Beautiful of Retreat ..	W. J. Muhlebach ..	Ayrshire	7,833	4·40	345·02	Musician of Willow Vale
249	Tulip 5th of Bonshaw ..	Mrs. E. M. Lennie	Jersey	7,768	4·43	344·10	Laddie 2nd of Banyule
250	Amethyst of Greenwood	K. M. Garvie ..	,,	5,989	5·73	343·11	Duke of Greenwood
251	Woodruff Lady Monda	H. Luxton ..	,,	7,174	4·78	342·69	Lord Richmond
252	Keepsake of Warenda ..	P. Chirnside ..	,,	5,839	5·86	342·33	Jessie's Handsome Boy
253	Plumstead Pip (imp.) ..	T. H. Payne ..	Red Poll	8,042	4·25	341·43	Plumstead Pearl
254	Cora 2nd of Havilah ..	J. Scott	Jersey	7,027	4·86	341·25	Silver Belle's Golden Lad
255	Linda 35th of Kings Vale	A. E. Fewster ..	,,	6,661	5·12	341·02	Bright's Twylish of Kings Vale
256	Duchess of Willow Park	W. K. Atkinson ..	Shorthorn	9,672	3·53	341·01	Havelock of Darbalara
257	Starbright of Lynroy ..	Mrs. E. M. Lennie..	Jersey	6,715	5·07	340·49	Island Butter King (imp.)
258	Rosella of Sunnyside ..	H. S. Gibson ..	Ayrshire	7,761	4·51	340·19	Bernie of Oakbank
259	Empress of Holly Green	H. L. Webb ..	,,	7,625	4·46	340·04	Marcus of Holy Green
260	Little Queen	P. H. Lawrence ..	Jersey	6,634	5·11	339·17	Foxy Boy
261	Milkmaid of Holly Green	H. L. Webb ..	Ayshire	8,232	4·12	339·05	Marana of Fernhill
262	Petunia of Glencairn ..	N. Gange ..	,,	8,678	3·90	338·44	Peacemaker of Glencairn
263	Viola of Gleneira ..	H. Henderson ..	,,	7,680	4·41	338·31	Triumph of Gleneira
264	Starleigh of Strathbow	O. G. Handbury ..	Jersey	5,876	5·76	338·19	Mac of Tarnpirr
265	Audrey of Somerville ..	H. Luxton ..	,,	6,256	5·39	337·34	Annette 2nd's Twylish of Kings Vale
266	Myrtle 2nd of Pine Grove	A. H. Schier ..	Ayrshire	8,346	4·01	335·06	Glen Keith of Pine Grove
267	Gipsy of Sparrovale ..	Geelong Harbour Trust	,,	6,917	4·84	335·02	Star of Sparrovale
268	Foxs Golden Dream ..	P. Chirnside ..	Jersey	6,410	5·22	334·47	Carnation Fox
269	Daisy of Bignold ..	W. Beischer ..	,,	6,946	4·81	334·38	Beauty 3rd's Fox
270	Pansy 6th of Ferntree Vale	E. A. Dennis ..	,,	6,138	5·45	334·29	Starbright Renard
271	Pansy of Colac ..	C. Falkenberg ..	,,	6,826	4·74	333·71	Handsome Progress
272	Mistletoe 2nd of Tarnpirr	E. A. Dennis ..	,,	6,199	5·41	333·59	First Choice of Tarnpirr
273	Model 3rd of Gleneira ..	C. Lees	Ayrshire	7,917	4·21	333·32	Kenneth of Gleneira
274	Blanche Rose 10th ..	W. K. Atkinson ..	Shorthorn	8,694	3·83	332·58	Poplar Vale Prince 9th
275	Waituki Princess Abigail	Jones and Son ..	Friesian	11,114	2·98	332·12	Royal Prince Pieterje de Kol
276	Preston Beauty ..	C. S. Walker ..	Jersey	7,351	4·51	331·76	Acacia King
277	Springfield White Posch	Flack and Sewell ..	Friesian	8,370	3·96	331·74	Rosevale Inka Sylvia Posch
278	Elsie of Glencourt ..	H. J. Munro ..	Ayrshire	8,063	4·11	331·44	Bonny Chief of Gowrie Park
279	Laura 10th of Melrose ..	Mrs. E. Cudmore ..	Jersey	5,323	6·22	330·83	Handsome Boy 5th of Melrose
280	Rosena 3rd	S. T. Algie ..	Shorthorn	8,503	3·89	330·43	43rd Earl of Pentland
281	Morocco's Pansy of Staghorn	F. Bidgood ..	Jersey	5,910	5·59	330·58	Morocco Bound

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
282	Janet 2nd	Evans Bros.	Red Poll	7,513	4·40	330·28	Dinkum Astrologer
283	Cherry 5th	W. K. Atkinson	Shorthorn	8,500	3·88	330·01	White Clinker
284	Neat Lady of Springvale	R. C. Campbell	Jersey	6,251	5·27	329·87	Admiral
285	Rosebloom 2nd of Carracoorte	W. Henderson	Ayrshire	8,413	3·92	329·71	Victor 2nd of Carracoorte
286	Briar	Department of Agriculture	Red Poll	7,563	4·36	329·68	Nicotine
287	Preston Polly	C. S. Walker	Jersey	6,669	4·94	329·41	Acacia King
288	Queen of Wollingurry	A. Joshua	,,	6,364	5·17	328·92	Soprano's Mystifier of Warragaburra
289	Bell of Craignell	Jones and Son	Friesian	9,000	3·65	328·58	Sir Kol of Canada
290	Kirsty 6th of Jerseyholm	T. Harvey	Jersey	5,096	6·45	328·53	Venture's Hero
291	Ornitha	Department of Agriculture	Red Poll	6,417	5·11	328·17	Nicotine
292	St. Albans Lady	Jones and Son	Friesian	9,612	3·41	328·05	Pearl's Prince of Brundee
293	Lady Grey 12th of St. Albans	Jones and Son	Jersey	5,872	5·57	327·11	Admiral 2nd
294	Adella's Pet of Inverleigh	A. H. Schier	Ayrshire	8,629	3·78	326·49	Major of Gowrie Park
295	Laura 9th of Melrose	W. Woodmason	Jersey	5,557	5·87	326·48	Pretty Noble (imp.)
296	Cora of Hyde Park	Telford Estate	Ayrshire	7,262	4·49	326·46	Modesty's Duplex of Glencairn
297	Birdseye	Department of Agriculture	Red Poll	6,256	5·22	326·45	Tabacum
298	Kyora Merry Mikes Mayflower	Miss S. L. Robinson	Jersey	7,310	4·46	326·27	Merry Mike
299	Silvermine of Brookside	W. Tendeson	,,	5,463	5·97	325·87	Reynard Twylish
300	La Reine of Tarnpirr	F. Austin	,,	5,684	5·72	325·34	Christmas's Choice of Tarnpirr
301	Morven Duchess 15th	Kerr Bros.	Shorthorn	9,269	3·51	325·21	Morven York Rose 10th
302	Claribelle of Greenwood	K. McGarvie	Jersey	7,404	4·39	325·13	Balm's Prince
303	Guinea Gold of Brookside	W. Tendeson	,,	7,683	4·23	324·98	Reynard Twylish
304	Peggy of Woolamai Park	G. Kent	Ayrshire	7,292	4·45	324·83	Prince of Mapleton
305	Sunshine of Glengowrie	C. Lees	,,	7,726	4·20	324·62	Jellicoe of Oakbank
306	Mauve Lilac	Miss B. Reid	Jersey	5,951	5·45	324·56	Ironmaster (imp.)
307	Dunalister Perrees Attractive	D. Peter	,,	5,365	6·05	324·48	Perrees Duke (imp.)
308	Handsome Girl 9th of Melrose	Finn Bros.	,,	5,135	6·31	324·23	Golden Fern's Viscount (imp.)
309	Marie of Bonshaw	P. J. Maloney	,,	7,029	4·61	323·80	Laddie 2nd of Banyule
310	Pansy of Rosemont	T. Mesley	,,	5,631	5·75	323·52	Carrie's 5th Noble of Melrose
311	Trissie of Wethersdane	Telford Estate	Ayrshire	7,549	4·28	323·27	His Majesty of Wethersdane
312	Inez of Greenwood	K. McGarvie	Jersey	5,688	5·67	322·70	Young Foxy Boy
313	Laodicea	Department of Agriculture	Red Poll	7,732	4·17	322·64	Belligerent (imp.)
314	Buttercup 2nd of St. Albans	F. Austin	Jersey	6,442	5·00	322·20	Admiral
315	Melba	A. G. Tedcastle	Friesian	9,851	3·27	322·16	Pearl's Prince of Brundee
316	Canary 2nd of Lesterfield	Mrs. I. Beard	Jersey	5,795	5·55	321·74	Quality 6th's Son of Melrose
317	Heather Bell of Ayrbrae	McFarlane Bros.	Ayrshire	4,673	4·19	321·57	Harmonist of Ellerslie
318	Maudie 2nd of Retreat	N. Gange	,,	8,697	3·68	320·34	Musician of Willow Vale
319	Cream Belle 3rd of Gnarbrook	Jones and Son	Jersey	5,682	5·63	319·68	Sir Antonio
320	Buttermaid 2nd	Jones and Son	Friesian	8,748	3·65	319·05	King Mercena
321	Sweet Pansy 5th of Melrose	G. Rowe	Jersey	5,109	6·24	318·64	Handsome Boy 5th of Melrose
322	Peerless 19th of Melrose	Mrs. E. Cudmore	,,	5,966	5·32	317·65	Handsome Boy 5th of Melrose
323	Bell of St. Albans	F. Austin	,,	6,771	4·69	317·55	Sweet Fox 2nd of St. Albans
324	Star of Kelvin Grove	W. J. McKernan	Ayrshire	7,356	4·31	317·08	Model of Seafield
325	Dunalister Golden Lilly	Clyne Bros.	Jersey	6,517	5·64	316·89	Northwood King (imp.)
326	Snowdrop of Inverleigh	A. H. Schier	Ayrshire	7,735	4·09	316·52	Major of Gowrie Park
327	Primrose 2nd of Tarnpirr	Mrs. E. M. Lennie	Jersey	6,026	5·25	316·27	First Choice of Melrose
328	Dunalister Capture	T. R. Findlay	,,	6,875	4·58	314·95	Lord Brighton of Dunalister
329	Noorat Grey Girl	Mrs. A. Black	,,	6,406	4·91	314·79	Obelisk
330	Buttercup 2nd of Carracoorte	N. Gange	Ayrshire	6,517	4·82	314·36	Lord Dudley of Gowrie Park
331	Violet of Hill Crest	A. Joshua	Jersey	6,724	4·67	314·05	Financial King
332	Duchess of Evergreen	H. S. Gibson	Ayrshire	8,142	3·85	313·79	General Gordon
333	Ontario	Department of Agriculture	Red Poll	7,864	3·98	313·20	Acton Dewstone (imp.)
334	Werribee Northwood Attraction	A. W. Findlay	Jersey	5,342	5·86	312·86	Northwood King (imp.)
335	Bolobek Dolly Grey	O. J. Syme	Friesian	9,823	3·18	312·46	Rhoda Prince of Rubicon (imp.)

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
336	Lady Em of Evergreen	G. Vallence	Ayrshire	8,109	3·85	312·23	General Gordon
337	Tea Rose of Tarnpirr	Mrs. E. M. Lennie	Jersey	5,327	5·86	312·03	Treasure of Tarnpirr
338	Topsy of Evergreen	H. S. Gibson	Ayrshire	7,332	4·25	311·89	Luminous of Drayton
339	Lily 5th of Holmwood	C. G. Lyon	Jersey	5,858	5·32	311·83	Audrey's Lord Twylish
340	Bluebell of Sparrovale	Geelong Harbour Trust	Ayrshire	7,797	4·00	311·81	Jock O'Gowrie
341	Pansie of Medburn Grove	C. Bamford	,,	8,307	3·75	311·79	Leo of Gleneira
342	Annetta of View Point	H. W. D. Canobio	,,	7,415	4·20	311·57	Jimmie of View Point
343	Myra of Langley Park	Callery Bros.	,,	7,560	4·12	311·32	Playaway of Willow Vale
344	Melba of Hill Crest	A. Joshua	Jersey	6,174	5·04	311·31	Bell Boy of Hill Crest
345	Queenie of Langley Park	Callery Bros.	Ayrshire	6,505	4·78	311·22	Playaway of Willow Vale
346	Blossom of Woodside	F. W. Beischer	Jersey	5,250	5·92	310·96	Benedictine's Nobleman
347	Noorat Flashlight 2nd	Mrs. A. Black	,,	6,092	5·10	310·62	Milk Lad of Banyule
348	Daisy of Colac	C. Falkenberg	,,	4,984	6·23	310·59	Twylish Queen's Fox
349	Twill of Banyule	C. G. Lyon	,,	6,463	4·81	310·55	Audrey's Lord Twylish
350	Daphne 3rd of Ferndale	D. C. Miller	,,	6,430	4·83	310·32	May's Larkspur Lord Twylish
351	Highland Fling	Warragul High School	Red Poll	7,991	3·88	309·74	Victoria Flight Commander
352	Morven Lizzie 7th	Kerr Bros.	Shorthorn	7,451	4·15	309·38	Manor York Rose
353	Countess of Burnside	Telford Estate	Ayrshire	7,231	4·28	309·35	Gleneira's Imperial
354	Lady 2nd of Bonshaw	F. Trevaskis	Jersey	6,223	4·97	309·11	Laddie 2nd of Banyule
355	Lotina's Twylish of Roseneath	D. C. Miller	,,	6,190	4·98	307·91	Lotina's Noble of Oaklands
356	Joan of La Motte	G. Vallence	Ayrshire	7,830	3·93	307·43	Lochinvar of Prior Park
357	Morven Lizzie 10th	Kerr Bros	Shorthorn	8,729	3·52	307·19	Morven York Rose 10th
358	Gloria of Brookside	W. Tendeson	Jersey	5,541	5·54	306·98	Reynard Twylish
359	Collingwood Beauty	Department of Agriculture	,,	5,015	6·12	306·90	Lady's Fox of Collingwood
360	Briar Rose of Clarendonayre	J. A. J. Morris	,,	6,074	5·05	306·86	Lotina's Larkspur Lord Twylish
361	Bright Stockings of Warenda	O. Cutler	,,	6,338	4·84	306·49	Brighton Cub
362	Minerva's Balm 2nd of Carracoorte	W. Henderson	Ayrshire	7,028	4·35	305·66	Minerva's Jamie of Warrook
363	Parrot of Glenwood	W. Tendeson	Jersey	5,816	5·24	304·65	Carrie's 5th Noble of Melrose
364	Bunty 2nd of Carracoorte	W. Henderson	Ayrshire	7,479	4·07	304·08	Lord Dudley of Gowrie Park
365	Melody of Wethersdane	H. J. Munro	,,	7,100	4·27	303·50	Glen Elgin's Combine
366	Orinoco	Warragul High School	Red Poll	7,564	4·02	203·25	Honingham Alake
367	Bloomer of Medburn Grove	C. Bamford	Ayrshire	8,098	3·75	303·23	St. Elfred of Willow Vale
368	Gowan of Sparrovale	Geelong Harbour Trust	,,	6,179	4·90	302·77	Jamie of Sparrovale
369	Postcard of Tarnpirr	A. L. N. Walter	Jersey	4,597	6·55	301·01	First Choice of Melrose
370	Dominion Kathleen	Department of Agriculture	Friesian	8,774	3·42	300·72	Woodcrest Joe (imp.)
371	Daphne 4th of Ferndale	D. C. Miller	Jersey	6,651	4·51	299·96	Lord Grey
372	Gerty 3rd of Carracoorte	W. Henderson	Ayrshire	5,945	5·04	299·69	Victorious of Warrook
373	Lady of Belgonia	P. J. Maloney	Jersey	5,366	5·58	299·38	Lion of Bonshaw
374	Pert Lass of Woodbyrne	J. Benallack	Ayrshire	6,575	4·43	299·27	Baillee of Oakbank
375	Hawthorn 5th of Banyule	C. G. Lyon	Jersey	5,773	5·18	299·11	Mabel's Chief (imp.)
376	Marjory of Bessboro	Mrs. E. O'Donoghue	Ayrshire	6,823	4·23	298·82	Kenneth of Gleneira
377	Mary Birt of Kelburn	Mrs. I. Beard	Jersey	5,831	5·12	298·67	Southern King 2nd
378	Tiny of Meadowvale	W. H. Atherton	,,	4,817	6·19	298·30	Mythic's Choice of Tarnpirr
379	Floss of Tuerong	Baillieu Bros.	,,	5,163	5·78	298·20	Quality's 6th Son of Melrose
380	Daisy 2nd of Ferndale	D. C. Miller	Jersey	5,049	5·90	297·77	Lord Grey
381	Aspect of Gleneira	C. Lees	,,	6,968	4·27	297·40	Jock of Gowan Bank
382	Laurel of Springhurst	J. Scott	,,	5,346	5·56	297·28	Young Defiance
383	Plumstead Permain (imp.)	T. H. Payne	Red Poll	6,755	4·40	297·05	Plumstead Pearl
384	Mercy of Oakbank	Longerenong Agricultural College	Ayrshire	7,321	4·05	296·73	Lodestar of Oakbank
385	Cordyline Hazel	J. H. Hokin	Friesian	7,048	4·20	296·28	Cordyline Hero
386	Segis Hengerveld of Lydholme	Flack and Sewell	,,	8,165	3·63	296·22	Cluny Hengerveld of Lydholme
387	Bolobek Ursula	O. J. Syme	,,	8,240	3·59	296·20	Rhoda Prince of Rubicon (imp.)
388	Daisy of Sparrovale	Geelong Harbour Trust	Ayrshire	6,314	4·66	294·51	Scottish King of Gowrie Park
389	Junette of Hillcrest	Jones and Son	Jersey	5,222	5·64	294·44	White Bell's Champion of Kyora
390	Morocco's Choice of Tarnpirr	D. C. Miller	,,	4,955	5·89	294·30	Blanchette's Fox of St. Albans
391	Garnet 3rd of Gleneira	A. H. Schier	Ayrshire	7,785	5·78	294·08	Majestic of Oakbank
392	Brunette of Willow Vale	R. Ralston	,,	7,024	4·18	293·77	Gain of Oakbank

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
393	Mervette	Evans Bros. ..	Red Poll	6,653	4·41	293·57	Bellum's Victor
394	Songstress of Glencourt	H. J. Munro ..	Ayrshire	6,360	4·61	293·50	Bonny Chief of Gowrie Park
395	Hookah	Department of Agriculture	Red P ll	8,049	3·64	293·10	Longford Major
396	May of Jersey Vale ..	Mrs. L. Orchard ..	Jersey	5,706	5·14	293·06	Golden's Twyllish
397	Noorat Beauty ..	Mrs. A. Black ..	,,	6,627	4·42	293·04	Obelisk
398	Flowing Vale Violet 4th	Evans Bros. ..	Red Poll	7,348	3·96	292·99	Boicum
399	Hope of Range View ..	C. Lees	Ayrshire	7,237	4·04	292·71	Royal Prince of Gleneira
400	Oatlands Annie ..	J. Thorburn ..	,,	6,137	4·77	292·45	Douglas of Drayton
401	Tarrawarra No. 16 ..	S. Russell ..	Friesian	8,164	3·58	292·31	Tarrawarra No. 3
402	Antonette of Hill Crest	R. J. Henry ..	Jersey	5,882	4·97	292·30	Sir Antonio
403	Peeress of St. Albans ..	T. R. Findlay ..	,,	5,398	5·41	291·92	Sweet Fox 2nd of St. Albans
404	Jessie 3rd of Rythdale ..	J. G. Lobb ..	Ayrshire	7,746	3·77	291·66	Premier of Gleneira
405	Mulberry of Ayrbrae ..	McFarlane Bros. ..	,,	7,071	4·11	291·61	Lancelt of Gleneira
406	Blanche 4th of Glengowrie	Mrs. C. O'Donoghue	,,	6,034	4·20	291·01	Jamie's Baronet of Glengowrie
407	Ashlyn 85th	Flack and Sewell ..	Friesian	8,176	3·55	290·56	Royal King Champion
408	Marguerite of Glengowrie	A. H. Schier ..	Ayrshire	6,387	4·55	290·45	Orpheus of Glengowrie
409	Lady Jacqueline ..	J. Scott	Jersey	5,621	5·16	289·81	Winnie 4th's Son of Melrose
410	Nestle of Gleneira ..	C. Lees	Ayrshire	6,396	4·54	288·95	Triumph of Gleneira
411	Jenny Lind 16th of Melrose	E. A. Dennis ..	Jersey	4,467	6·45	288·29	Golden Fern's Viscount (imp.)
412	Gerty 3rd of Carracoorte	W. Henderson ..	Ayrshire	6,062	4·75	288·02	Victorious of Warrook
413	Poplar Vale Princess 29th	W. K. Atkinson ..	Shorthorn	7,602	3·77	287·87	Poplar Prince Vale 9th
414	Mistletoe 3rd of Tarnpirr	A. Joshua ..	Jersey	4,949	5·82	287·81	Christmas' Choice of Tarnpirr
415	Christmas Belle of Hill Crest	A. Joshua ..	,,	5,826	4·93	287·48	Starbright Renard
416	Larkspur 2nd ..	Evans Bros. ..	Red Poll	6,883	4·18	287·41	Redman
417	Princess of Coralee ..	Flack and Sewell ..	Friesian	9,037	3·18	287·39	Duke of Antwerp
418	Modesty of Yalart ..	C. Lees	Ayrshire	7,243	3·97	287·37	Jock of Gowan Bank
419	Caral of Banyule ..	McFarlane Bros. ..	,,	6,607	4·35	287·20	Loyal of Oakbank
420	Ideal of Ben Kell ..	R. Ralston ..	,,	7,123	4·03	286·96	Marvel of Willow Vale
421	Noorat of Cherry ..	Mrs. A. Black ..	Jersey	5.050	5·68	286·62	Milk Lad of Banyule
422	Pardon of Ben Kell ..	R. Ralston ..	Ayrshire	7.106	4 01	285·18	Girvan of Oakbank
423	Salina of Burnside ..	C. Lees	,,	6,163	4·62	285·02	Ventry of Seafield
424	Dolly Brown of Inverleigh	A. H. Schier ..	,,	7,261	3·92	284·35	Index of Balvormie
425	Sweet Briar of Glen Avon	W. Henderson ..	,,	5,708	4·98	284·35	Maxim of Oakbank
426	Dolichos of Springhurst	R. J. Henry ..	Jersey	6,359	4·46	283·92	Brighton Cub
427	Handsome of Lesterfield	A. Robertson ..	,,	5,915	4·80	283·80	Quality 6th's Son of Melrose
428	Edith of Golden Vein ..	W. McIvor ..	Ayrshire	5,953	4·76	283·59	Sergeant of Golden Vein
429	Prudence of Gleneira ..	R. C. Clymo ..	,,	6,594	4·30	283·34	Triumph of Gleneira
430	Morven Pansy 8th ..	Kerr Bros. ..	Shorthorn	7,804	3·63	283·09	Charming Duke 67th
431	Dainty 2nd of Wattle Vale	A. E. Ellis ..	Jersey	5,676	4·98	282·84	Music 3rd's Son of Melrose
432	Ideal of Tregorland ..	J. F. Tuckey ..	Ayrshire	5,382	5·25	282·77	Havelock of Gowrie Park
433	Dairy Maid of Willow Park	W. K. Atkinson ..	Shorthorn	6,160	4·59	282·73	Havelock of Darbalara
434	Sunray of Gleneira ..	A. E. Castle ..	Ayrshire	6,582	4·28	282·03	Kia Ora of Haydowns
435	Bonnie Doons Pride ..	Miss S. L. Robinson	Jersey	4,881	5·78	281·98	Retford Mariposa
436	Maid of Sparrovale ..	Geelong Harbour Trust	Ayrshire	6,633	4·25	281·73	Glen Elgin's Rover
437	Goldy of Strathbow ..	F. Raggatt ..	Jersey	4,999	5·64	281·67	Mac of Tarnpirr
438	Nyanza	Department of Agriculture	Red Poll	6,642	4·24	281·59	Honingham Alake (imp.)
439	Coral of Willow Vale ..	Longerenong Agriculture College	Ayrshire	5,544	5·07	281·49	Tarbolton of Oakbank
440	Modesty 2nd of Retreat	W. J. Muhlebach ..	,,	6,829	4·12	281·01	Musician of Willow Vale
441	Butterfly of Titanga ..	W. H. Axford ..	Jersey	6,371	4·41	280·98	Lamas Bosum of Milsham Park
442	Plumstead Pip (imp.) ..	T. H. Payne ..	Red Poll	6,387	4·55	280·66	Plumstead Pearl
443	Barbara of Greenwood	K. McGarvie ..	Jersey	6,381	4·40	280·54	Noble of Greenwood
444	Brownie 3rd of Carracoorte	W. Henderson ..	Ayrshire	6,218	4·50	280·19	Lord Dudley of Gowrie Park
145	Lady Segis Galatea Van Raceland	Flack and Sewell ..	Friesian	9,052	3·09	280·02	King Alcarta Rozines Fayne
446	Sparkle of Gleneira ..	A. Kirby ..	Ayrshire	7,260	3·83	279·95	Kia Ora of Haydowns
447	Esteem of Gleneira ..	C. Lees	,,	6,165	4·54	279·91	Kia Ora of Haydowns
448	Nellie of La Trobe ..	Sale High School ..	,,	6,869	4·04	279·80	Adella's Jamie of Reith
449	Fairy of Greenwood ..	K. McGarvie ..	Jersey	6,907	4·05	279·44	Balm's Prince
450	Bonnie 2nd of Tarnpirr..	A. L. N. Walter ..	,,	4,027	6·90	278·71	Royal Rose's Choice of Tarnpirr
451	Eva 2nd of Glencairn ..	G. Gange.. ..	Ayrshire	6,879	4·05	278·53	Lavendo of Glencairn
452	Dulcie Grey of Colac ..	C. Falkenberg ..	Jersey	5,186	5·37	278·32	Buttercup's Duke

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
453	Idcal of Tregorland ..	J. F. Tuckey ..	Ayrshire	5,284	5·26	278·13	Havelock of Gowrie Park
454	Picture of Range View	C. Lees ..	,,	7,248	3·83	277·92	Royal Prince of Gleneira
455	Brownie 4th of Carracoorte	W. Henderson ..	,,	6,619	4·20	277·91	Dahlia's Duke of Gleneira
456	Meg of Elthamleigh ..	O. Cutler ..	Jersey	5,830	4·76	277·77	Lucius 2nd of Glen Iris
457	Geranium of Langley Park	Callery Bros. ..	Ayrshire	6,012	4·61	277·11	Bonnie's Chief of Victoria Bank
458	Sunny 2nd of Gleneira..	C. Lees	,,	6,132	4·52	277·07	Prince Kyle of Gleneira
459	Carrie of Hill View ..	Mrs. C. O'Donoghue	,,	6,253	4·43	276·86	Majestic of Drayton
460	Lady Marge of Ferndale	A. E. Batson ..	Jersey	4,726	5·86	276·75	May's Larkspur Lord Twylish
461	Primrose of Wethersdane	H. D. W. Canobio	Ayrshire	6,892	4·01	276·60	His Majesty of Wethersdane
462	May of Sparrovale ..	Geelong Harbour Trust	,,	7,025	3·94	276·54	Scottish King of Gowrie Park
463	Duchess of Hanover 2nd of Berry	R. Ferguson ..	Friesian	7,022	3·94	276·53	Sultan La Polka (imp.)
464	Marilla of Burnside ..	C. Lees	Ayrshire	6,753	4·09	276·47	Gregor of Oakbank
465	Lily of Wattle Bank ..	A. Kirby.. ..	,,	6,068	4·55	276·38	Brownie of Gowrie Park
466	Empress of Langley Park	Callery Bros. ..	,,	7,167	3·85	276·27	Playaway of Willow Vale
467	Sovereign	Department of Agriculture	Red Poll	5,991	4·61	276·23	Belligerent (imp.)
468	Tulip of Jersey Vale ..	Mrs. L. Orchard ..	Jersey	5,332	5·17	275·46	Golden Twylish
469	Tonga	Department of Agriculture	Red Poll	6,795	4·05	275·44	Honingham Archbishop (imp.)
470	Primrose 2nd of Bonshaw	Mrs. E. M. Lennie	Jersey	5,388	5·11	275·16	The Pilot of Tarnpirr
471	Myrtle 2nd of Jersey Vale	P. J. Ducat ..	,,	4,986	5·51	275·05	Golden Twylish
472	Harp	C. G. Lyon ..	,,	5,532	4·97	274·76	Noble Lord
473	Daphne of Welbourne ..	R. H. Maher ..	,,	5,374	5·10	274·04	Young Premier of Welbourne
474	Belle A.	R. Faragher ..	,,	4,776	5·74	274·02	Bell Boy of Hill Crest
475	Pattie of Hill Crest ..	G. Rowe ..	,,	5,634	4·86	273·87	Bell Boy of Hill Crest
476	Audrey's Victress of Somerville	H. Luxton ..	,,	4,868	5·62	273·47	Daphne's Prince of St. John
477	Gladys of Sparrovale ..	Geelong Harbour Trust	Ayrshire	6,103	4·48	273·13	Scottish King of Gowrie Park
478	Pentlands 16th Jessamine	S. H. Ebery ..	Shorthorn	7,244	3·76	272·60	43rd Earl of Pentland
479	Marcia of Woolamai Park	G. A. Kent ..	Ayrshire	7,427	3·67	272·60	Marcus of Holly Green
480	Dinah of Mapleton ..	G. A. Kent ..	,,	6,931	3·92	272·04	Hero of Rythdale
481	Model of Kirkhill ..	D. C. Miller ..	Jersey	4,988	5·45	271·97	Favourite's 4th Noble
482	Oatlands Beauty ..	J. Thorburn ..	Ayrshire	6,302	4·31	271·79	Malster of Seafield
483	Gipsy of Hill Crest ..	A. Robertson ..	Jersey	6,214	4·37	271·71	Bell Boy of Hill Crest
484	Lettie of Greenwood ..	K. McGarvie ..	,,	6,025	4·51	271·71	Noble of Greenwood
485	Queen Mary of Gleneira	McFarlane Bros. ..	Ayrshire	6,971	3·90	271·63	Beau of Gleneira
486	Ruby of Tarnpirr ..	D. C. Miller ..	Jersey	5,638	4·81	271·23	Eminent V. C.
487	Duchess of Sparrovale ..	Geelong Harbour Trust	Ayrshire	6,567	4·13	271·12	Stuart of Gowrie Park
488	Flowing Vale Vellum ..	Evans Bros. ..	Red Poll	7,050	3·84	271·01	Bellum Victor
489	Blossom of Sparrovale ..	Geelong Harbour Trust	Ayrshire	6,376	4·25	270·89	Stuart of Gowrie Park
490	Treasure of Ben Kell ..	R. Ralston ..	,,	6,649	4·06	270·23	Girvan of Oakbank
491	Morven Duchess of Brunswick 3rd	Kerr Bros. ..	Shorthorn	6,324	4·27	270·22	Morven York Rose 15th
492	Syringa of Springhurst..	H. Luxton ..	Jersey	4,616	5·87	270·07	Brighton Cub
493	Pretty of Belwell ..	G. Vallence ..	Ayrshire	6,331	4·26	269·73	Solway of Seafield
494	Noorat Marguerite ..	Mrs. A. Black ..	Jersey	6,418	4·20	269·44	Obelisk
495	Vanity of Burnside ..	R. Goodman ..	Ayrshire	6,297	4·27	268·77	Gregor of Oakbank
496	Tongala Doris ..	S. Russell ..	Friesian	7,460	3·60	268·36	
497	Milkmaid of Staghorn ..	F. T. Bidgood ..	Jersey	5,108	5·25	268·02	Favourite's Noble
498	Cluny Hengerveld Vernon 2nd	Flack and Sewell ..	Friesian	7,703	3·46	267·37	Woodcrest Hengerveld Meethilde
499	Pansy of Grahamsvale	Mrs. L. Orchard ..	Jersey	5,277	5·07	267·37	Golden Twylish
500	Daisy 7th	S. H. Ebery ..	Shorthorn	7,242	3·69	267·15	Duke of Ararat
501	Rose of Hill Crest ..	Jones and Son ..	Jersey	5,336	5·01	267·15	Black Prince of Mt. Crawford
502	Tulip 3rd of Bonshaw ..	K. McGarvie ..	,,	6,597	4·04	266·86	Ruction
503	Peggy of Woolamai Park	G. Kent	Ayrshire	6,137	4·35	266·83	Prince of Mapleton
504	Dunalister Garantie ..	Clyne Bros. ..	Jersey	5,040	5·29	266·76	Fox's Lotina's Twylish
505	Maud 2nd of Holly Green	J. G. Lobb ..	Ayrshire	5,953	4·46	265·73	Brevet of Oakbank
506	Pearl of Ben Kell ..	R. Ralston ..	,,	6,010	4·42	265·40	Melville Duke
507	Victoria Dutch Belle ..	Department of Agriculture	Friesian	7,765	3·41	264·94	Dominion Domino Dutch Boy
508	Snowflake of Rythdale	Callery Bros. ..	Ayrshire	6,342	4·17	264·19	Isabel's Pride of Gleneira
509	Mermaid of Retreat ..	W. J. Muhlebach ..	,,	5,517	4·77	263·21	Anthony of Gleneira
510	Dot 3rd of Belwell ..	G. Vallence ..	Ayrshire	7,552	3·61	262·75	Solway of Seafield
511	Wattleblossom 2nd of Roseneath	Gibson Bros. ..	Jersey	5,467	4·80	262·35	Lotina's Noble of Oaklands
512	Fine Quality of Gleneira	A. H. Schier ..	Ayrshire	5,442	4·82	262·26	Kia Ora of Haydowns

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
513	Kyora Defender May 3rd Roseneath	Miss S. L. Robinson	Jersey	5,112	5·12	261·91	Lotina's Defender of Kyora
514	Fancy Bread of Glen Iris	C. D. Lloyd ..	„	5,171	5·06	261·88	Brown Chief of Glen Iris
515	Chance of Golden Vein..	W. McIvor ..	Ayrshire	6,507	4·02	261·66	Sergeant of Golden Vein
516	Kipsie of Tregorland ..	J. F. Tuckey ..	„	5,539	4·72	261·15	Havelock of Gowrie Park
517	Petal of Roseleigh ..	N. Gange ..	„	7,516	3·47	260·78	Burleigh of Gowrie Park
518	Jessie's Pride of Bundara	H. W. D. Canobio	„	7,597	3·41	259·39	Isabel's Pride of Gleneira
519	Modesty of Inverleigh ..	A. H. Schier ..	„	6,329	4·09	258·73	Major of Gowrie Park
520	Carnation's Belle of Koorawatha	J. Huffer.. ..	Jersey	5,235	4·91	258·40	Bell Boy of Hill Crest
521	Coral of Carracoorte ..	W. Henderson ..	Ayrshire	6,649	3·88	257·90	Lord Dudley of Gowrie Park
522	Dutch Girl of Berry ..	Flack and Sewell ..	Friesian	6,809	3·78	257·09	Duke of Amsterdam
523	Bud of Carracoorte ..	W. Henderson ..	Ayrshire	6,740	3·81	256·98	George of Warrook
524	Flowing Vale Bloom ..	Evans Bros. ..	Red Poll	7,517	3·41	256·39	Dinkum Astrologer
525	Empress 3rd of Golden Vein	W. McIvor ..	Ayrshire	5,902	4·34	256·17	Advance of Golden Vein
526	Ornitha	Department of Agriculture	Red Poll	5,729	4·47	255·95	Nicotine
527	Flower of Roseneath ..	R. Goodman ..	Ayrshire	6,351	4·02	255·49	Countess' Jamie of Riverside
528	My Hope of Kameruka	E. A. Dennis ..	Jersey	5,190	4·92	255·11	Twylish's Pride
529	Maids Princess 2nd of Clover Flat	F. Raggatt ..	„	4,878	5·23	254·96	Prince Noreen
530	Vanity of Burnside ..	R. Goodman ..	Ayrshire	5,614	4·54	254·94	Gregor of Oakbank
531	Laurie 2nd of Ferntree Vale	P. Purnell ..	Jersey	4,992	5·10	254·43	Starbright Renard
532	Joan of Hill Crest ..	A. Robertson ..	„	5,391	4·71	253·97	Black Prince of Mt. Crawford
533	Lassie of Ayrbrae ..	McFarlane Bros. ..	Ayrshire	6,475	3·91	253·93	Harmonist of Ellerslie
534	Maitlands Petal 2nd of Havilah	J. Scott	Jersey	4,257	5·96	253·73	Silver Bell's Golden Lad
535	Guitana of Kilmarnock	G. Gange ..	Ayrshire	6,402	3·96	253·36	Laura's Laird of Gowrie Park
536	Chaffinch of Banyule ..	A. Joshua ..	Jersey	5,254	4·82	253·29	Lord Silvermine 8th of Banyule
537	Daisy 5th	S. T. Algie ..	Shorthorn	6,904	3·67	253·20	Duke of Wallace
538	Patch of Banyule ..	H. Perdriau ..	Ayrshire	5,408	4·68	253·03	Rational of Oakbank
539	Tessie of Sunnyside ..	A. E. Castle ..	„	6,234	4·06	252·93	Bernie of Oakbank
540	Gem of Hillcrest ..	R. H. Maher ..	Jersey	6,302	4·01	252·72	Bell Boy of Hill Crest
541	Tulip 4th of Bonshaw ..	Mrs. E. M. Lennie	„	5,420	4·66	252·56	The Pilot of Tarnpirr
542	Gladiana of La Trobe ..	Sale High School ..	Ayrshire	5,615	4·50	252·53	Darnley of Gowrie Park
543	Halecote Katinka ..	R. Ferguson ..	Friesian	7,742	3·26	252·39	Count Togo
544	Ashlyn 25th	Flack and Sewell ..	„	7,190	3·65	252·17	Black and White King of Ashlyn
545	Foliage of Golden Vein ..	W. McIvor ..	Ayrshire	5,374	4·68	251·37	Sergeant of Golden Vein
546	Buttercup 3rd of Bonshaw	H. Dettman ..	Jersey	4,697	5·35	251·11	Laddie 2nd of Banyule
547	Lady Dulcie of Ben Kell	R. Ralston ..	Ayrshire	6,534	3·84	251·08	Marvel of Willow Vale
548	Daffodil of Jerseyvale ..	Mrs. L. Orchard ..	Jersey	4,693	5·35	251·08	Golden Twylish
549	Dunalister Perrees Jersey Maid	Clyne Bros. ..	„	4,976	5·04	250·76	Perrees Duke (imp.)
550	Wagga Harmony ..	H. Luxton ..	„	4,433	5·64	250·09	Goddington Noble 15th (imp.)
551	Winnie of Kelvin Grove	N. Gange ..	Ayrshire	4,989	5·00	249·47	Model of Seafield
552	Brown Lady of Hill View	Mrs. C. O'Donoghue	„	6,048	4·11	248·95	Majestic of Drayton
553	Victoria Velour ..	Department of Agriculture	Red Poll	6,153	4·05	248·93	Longford Major (imp.)
554	Meadow Sweet of Sparrovale	Geelong Harbour Trust	Ayrshire	5,388	4·62	248·77	Jock of Sparrovale
555	Bolobek	O. J. Syme ..	Friesian	7,823	3·17	248·23	Rhoda Prince of Rubicon
556	Tilley of Tregorland ..	J. C. Tuckey ..	Ayrshire	5,470	4·53	248·04	Havelock of Gowrie Park
557	St. Albans Lily ..	S. Russell ..	Friesian	7,193	3·44	247·23	Burdett's Prince
558	Little Virtue of Ellerslie	McFarlane Bros. ..	Ayrshire	5,158	4·78	246·80	Lella's Jamie of Ellerslie
559	Primus of Woodbyrne ..	J. Benallack ..	„	6,067	4·05	246·06	Sunshine's Pride of Woodbyrne
560	Heroine of Garden Vale	R. C. Campbell ..	Jersey	5,056	4·85	245·30	Jersey King
561	Morven Cressida 2nd ..	Kerr Bros. ..	Shorthorn	6,126	3·99	244·48	Charming Duke 27th
562	Victoria Dutchmaid ..	Department of Agriculture	Friesian	6,315	3·85	244·31	Dominion Domino Dutch Boy
563	Heroine 2nd of Garden Vale	R. C. Campbell ..	Jersey	5,148	4·74	244·26	Doreen's Chief
564	Elena of Springfield ..	Mrs. M. & W. A. Francis	Ayrshire	5,532	4·41	243·73	Donald of Wethersdane
565	Sweet Violet of Seafield	A. Kirby.. ..	„	5,577	4·37	243·58	Philosopher of Glengowrie
566	Maiden of Ayrbrae ..	McFarlane Bros. ..	„	5,496	4·42	242·65	Maori Prince of Glen Alvie
567	Evelyn of La Trobe ..	Sale High School ..	„	7,140	3·88	241·15	Norm of Mapleton
568	Hawthorn 6th of Banyule	C. G. Lyon ..	Jersey	4,991	4·83	241·07	Mabel's Chief (imp.)

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
569	Viola of Gleneira ..	W. Henderson ..	Ayrshire	5,408	4·45	241·03	Triumph of Gleneira
570	Rye Cake of Glen Iris ..	C. D. Lloyd ..	Jersey	4,180	5·76	240·77	Cream of Chief Glen Iris
571	Mayflower 2nd of Carracoorte	W. Henderson ..	Ayrshire	5,891	4·08	240·47	Lord Dudley of Gowrie Park
572	Duchess of Hill Crest ..	Mrs. M. & W. A. Francis	,,	5,220	4·60	240·05	Prince of Mapleton
573	Judy of Tregorland ..	J. F. Tuckey ..	Ayrshire	6,151	3·90	240·02	Rival of Tregorland
574	Jessie De Kol Kroons of Oakview	Flack and Sewell ..	Friesian	6,374	3·76	239·82	Dominion Domino Dutch Boy
575	Lupin of Ellerslie ..	H. S. Gibson ..	Ayrshire	6,042	3·97	239·82	Minstrel of Glencairn
576	Heather of Struan Park	D. F. Griffiths ..	,,	5,323	4·50	239·80	Bonnie Prince of Gowrie Park
577	Knepp Meadow Dell (imp.)	T. H. Payne ..	Red Poll	6,308	3·79	239·20	Knepp Meadow Mace
578	Boronia 2nd of Pine Grove	A. H. Schier ..	Ayrshire	4,754	5·03	239·09	Glen Keith of Pine Grove
579	Boronia of Woobyrne ..	J. Benallack ..	,,	5,454	4·38	239·03	Ballee of Oakbank
580	Mayflower of Colac ..	C. Falkenberg ..	Jersey	4,168	5·71	238·16	Cowslips Lad
581	Myrtle of Sparrovale ..	Geelong Harbour Trust	Ayrshire	5,407	4·40	238·09	Scottish Chief of Sparrovale
582	Crissie of Willow Vale ..	R. Ralston ..	,,	6,033	3·94	237·94	Gain of Oakbank
583	Pinkie of Gleneira ..	C. Lees	,,	5,312	4·47	237·39	Jock of Gowan Bank
584	Oatlands Nancy ..	J. Thorburn ..	,,	5,566	4·21	234·09	Maltster of Seafield
585	Lady Merlin of Colac ..	C. Falkenberg ..	Jersey	4,393	5·32	233·80	Merlin (imp.)
586	Surprise of Woorayl ..	Leongatha High School	,,	3,751	6·22	233·58	Prince's Glory
587	Centague of Banyule ..	H. Perdriau ..	Ayrshire	5,149	4·53	233·08	The Lad of Banyule
588	Trinket of Tregorland ..	J. F. Tuckey ..	,,	5,925	3·93	232·91	Rival of Tregorland
589	Morven Ruby	Kerr Bros. ..	Shorthorn	6,070	3·83	232·76	Manor York Rose
590	Duchess of Darley ..	R. G. Morton Estate	,,	6,565	3·54	232·42	MorvenMyrtle Duke
591	Monovale Primrose Paxton	Flack and Sewell ..	Friesian	7,625	3·04	231·66	Prince Pietje Paxton
592	Buttercup of Carracoorte	A. Kirly	Ayrshire	5,531	4·18	231·25	Fritz of Rythdale
593	Jean of La Motte ..	J. Thorburn ..	,,	5,801	3·98	231·13	Maltster of Seafield
594	Maitland Duchess 2nd of Lesterfield	A. Robertson ..	Jersey	5,046	4·58	231·09	Graceful Lad
595	Karong Belle 2nd ..	J. Baker ..	Red Poll	4,749	4·85	230·48	Uncle Sam
596	Defenders Queen of St. Albans	A. E. Batson ..	Jersey	4,687	4·92	230·37	The Chief of Linden
597	Lucelle of Greenwood ..	K. McGarvie ..	,,	4,840	4·73	229·67	Golden Hero of Greenwood
598	Pearl of Ferndale ..	D. C. Miller ..	,,	5,007	4·60	229·67	Lord Grey
599	Morven Daphne 10th ..	Kerr Bros. ..	Shorthorn	6,344	3·59	227·90	Manor of York Rose 1st
600	Snowberry of Warradale	C. Lees	Ayrshire	5,645	4·04	227·86	Paddy of Warradale
601	Rose of Jerseyvale ..	Mrs. L. Orchard ..	Jersey	4,422	5·10	225·49	Golden Twylish
602	Gratis	T. H. Payne ..	Red Poll	5,825	3·87	225·46	Acton Ajax
603	Mermaid of Oakbank ..	Longerenong Agricultural College	Ayrshire	5,194	4·34	225·42	Linguist of Oakbank
604	Olive Berry of Glenbrae	Mrs. M. & W. A. Francis	,,	5,641	3·98	224·70	Warlock of Fernhill
605	Lady Golden of Brucedale	A. Joshua ..	Jersey	3,549	6·30	223·64	Island Butter King (imp.)
606	Ivy of Willow Vale ..	Longerenong Agricultural College	Ayrshire	5,985	3·73	223·12	Tarbolton of Oakbank
607	Primrose 2nd of Pine Grove	A. H. Schier ..	,,	5,854	3·81	222·82	Glen Keith of Pine Grove
608	Lily of Jerseyvale ..	Mrs. L. Orchard ..	Jersey	4,612	4·83	222·79	Golden Twylish
609	Dunalister Perrees Noble Tissue	Clyne Bros. ..	,,	4,000	5·56	222·57	Perrees Duke (imp.)
610	Cambria	Mrs. M. E. Carroll	Red Poll	5,602	3·91	222·48	Nicotine
611	Wogglett 2nd ..	C. Lees	Ayrshire	5,555	4·00	222·36	Bakewell of Gleneira
612	Iris 2nd of Carracoorte ..	W. Henderson ..	,,	5,217	4·24	221·46	Victorious of Warrook
613	Lillian of Burnside ..	C. Lees	,,	4.925	4·50	221·40	Ventry of Seafield
614	Gladwyn of La Trobe ..	Sale High School ..	,,	4,783	4·62	221·15	Darnley of Gowrie Park
615	Scotia	Mrs. M. E. Carroll ..	Red Poll	5.265	4·17	219·79	Nicotine
616	Flandrina	Department of Agriculture	,,	5,224	4·18	218·39	Nicotine
617	Rocket of Ruhbank ..	Miss S. L. Robinson	Jersey	4,001	5·43	217·07	Kyora Lotina's Financial King
618	Beatrice of Sparrovale ..	Geelong Harbour Trust	Ayrshire	6,153	3·51	215·86	Stuart of Gowrie Park
619	Walulu Abbekerk Artis of Corfield	R. Ferguson ..	Friesian	6,366	3·36	214·61	De Kol Artis Rooker
620	Pearl of Carracoorte ..	W. Henderson ..	Ayrshire	5,073	4·23	214·51	Fritz of Rythdale
621	Vanity Fair of Sunnybrook	Miss S. L. Robinson	Jersey	4,319	4·96	214·20	Noble of Sunnybrook
622	Jessie of Welbourne ..	G. Rowe ..	,,	4,903	4·34	212·79	Young Premier

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
623	Pastime of Tarnpirr ..	E. A. Dennis ..	Jersey	4,141	5·13	212·52	Sport
624	Young Gladys of La Trobe	Sale High School ..	Ayrshire	5,369	3·96	212·29	Norm of Mapleton
625	Rosette of Hill Crest ..	G. Rowe ..	Jersey	4,577	4·63	212·08	Bell Boy of Hill Crest
626	Gertie	Evans Bros. ..	Red Poll	5,909	3·58	211·87	Acton Dewstone (imp.)
627	Garland of Ben Kell ..	W. J. Muhlebach ..	Ayrshire	5,254	4·03	211·71	Girvan of Oakbank
628	Belle 2nd of Ellerslie ..	G. Gange	,,	5,127	4·10	211·54	Lella's Jamie of Ellerslie
629	Dahlia 2nd	C. Lees	,,	4,544	4·65	211·52	Bakewell of Gleneira
630	Rosebloom 2nd of Carracoorte	W. Henderson ..	,,	5,708	3·70	211·16	Victor 2nd of Carracoorte
631	Jamaica	Mrs. M. E. Carroll	Red Poll	4,879	4·32	210·60	Ganymede
632	Dominion Queen Segis	Red Cross Farm ..	Friesian	7,210	2·91	209·76	Longbeach Primrose League
633	Dunalister Morocco ..	Clyne Bros. ..	Jersey	3,813	5·49	209·49	Carnation Fox (imp.)
634	Violet of Retreat ..	W. Meredith ..	Ayrshire	5,317	3·91	208·12	Musician of Willow Vale
635	Bunty 3rd of Carracoorte	W. Henderson ..	,,	4,238	4·91	207·99	Lord Dudley of Gowrie Park
636	Dairymaid of Fairfield Park	C. L. Rigby ..	,,	5,020	4·13	207·15	Prince Raglan of Rythdale
637	Balm of Carracoorte ..	N. Gange ..	Ayrshire	5,044	4·06	205·15	Victorious of Warrook
638	Alice of Grahamsvale ..	Mrs. L. Orchard ..	Jersey	4,408	4·65	205·11	Fox Laddie 3rd
639	Dora of Fairfield Park ..	C. L. Rigby ..	Ayrshire	5,730	3·57	204·45	Prince Royal of Fairfield Park
640	Flossie of Carracoorte ..	W. Henderson ..	,,	4,678	4·36	204·10	Bruin of Gleneira
641	Bright Jewell 2nd of St. Albans	R. Faragher ..	Jersey	3,979	5·08	202·25	Brighton King 8th
642	Pearl Queen of Wethersdane	A. H. Schier ..	Ayrshire	5,378	3·76	201·99	His Majesty of Wethersdane
643	Lucy of Glen Avon ..	W. Henderson ..	,,	4,530	4·45	201·65	Maxim of Oakbank
644	Mocl of Langley Park ..	Callery Bros. ..	,,	4,535	4·43	200·85	Playaway of Willow Vale
645	Dunalister Noble Glorious	W. B. Ronald ..	Jersey	3,707	5·40	199·27	Dunalister's Noble
646	Primrose of Jerseyvale	Mrs. L. Orchard ..	,,	3,746	5·23	196·07	Golden Twylish
647	Winsome of Woolamai Park	G. Kent	Ayrshire	4,877	3·99	194·73	Jamie of Ellerslie
648	Lobelia of Retreat ..	W. Meredith ..	,,	4,342	4·46	193·49	Musician of Willow Vale
649	Young Madeira of La Trobe	Sale High School ..	,,	5,039	3·79	190·98	Norm of Mapleton
650	Epaulette	Department of Agriculture	Red Poll	4,695	4·01	188·07	Belligerent
651	Mignonette of Springhurst	J. Scott	Jersey	3,594	5·23	187·94	Magneto of Springhurst
652	Diana of Craignell ..	E. T. Jones ..	Friesian	5,901	3·20	186·54	King Mercena
653	Canary 11th of King's Vale	Mrs. F. M. Akehurst	Jersey	3 615	5·13	185·59	Carnation's Fancy Northwood King
654	Phyllis of Glengowrie ..	A. H. Schier ..	Ayrshire	4,904	4·70	184·09	Jellicoe of Oakbank
655	Pearl of Langley Park ..	Callery Bros. ..	,,	4,160	4·41	183·46	Playaway of Willow Vale
656	Telma	J. T. O'Loughlin ..	Red Poll	4,763	3·75	178·55	Honingham Astrologer
657	Monavale Primrose Paxton	Flack and Sewell ..	Friesian	5,231	3·40	177·91	Prince Pietje Paxton
658	Sweet Briar of Glen Avon	W. Henderson ..	Ayrshire	3,477	5·09	176·91	Maxim of Oakbank
659	Minerva's Balm 2nd of Carracoorte	W. Henderson ..	,,	4,072	4·34	176·85	Minerva's Jamie of Warrook
660	Milkmaid of Inverleigh..	A. H. Schier ..	,,	4,853	3·59	174·14	Major of Gowrie Park
661	Lilian of Willow Vale ..	W. Meredith ..	,,	4,203	4·10	173·94	Tarbolton of Oakbank
662	Lady Thenea Alcarta Van Raceland	Flack and Sewell ..	Friesian	5,272	3·27	172·44	King Alcarta Rozines Fayne
663	Flossie of Gleneira ..	W. Henderson ..	Ayrshire	3,941	4·35	171·52	Triumph of Gleneira
664	Rose's Jersey Maid ..	Clyne Bros. ..	Jersey	3,417	5·02	171·44	Fox's Lotina's Twylish
665	Violet of Rock Lee ..	Mrs. F. M. Akehurst	,,	2,973	5·77	171·39	Carnation's Fancy Northwood King
666	Affinity of Oakbank ..	W. Meredith ..	Ayrshire	4,306	3·90	168·28	Gallant of Oakbank
667	Morven Myrtle 6th ..	Kerr Bros. ..	Shorthorn	4,428	3·79	168·14	Morven York Rose 15th
668	Daisy of Inverleigh ..	A. H. Schier ..	Ayrshire	4,417	3·77	166·40	Director of Midbranch
669	Victoria Corunna ..	Department of Agriculture	Friesian	4,557	3·63	165·52	Dominion Domino Dutch Boy
670	Heather of Range View	C. Lees	Ayrshire	3,692	4·45	164·26	Noble Mac of Glen Avon
671	Marie of Tarnpirr ..	E. A. Denis ..	Jersey	2,704	6·07	164·20	First Choice of Melrose
672	Brownie of the Valley ..	Cockbill and Gibbs	Ayrshire	4,831	3·38	163·45	Melville Johnson
673	Carnation 5th ..	Mrs. A. Black ..	Jersey	2,863	5·54	158·68	Rufus (imp.)
674	Jubilee Lavender ..	Miss B. Reid ..	,,	2,918	5·44	158·58	Twylish Maderia's Fox 2nd of Werribee
675	Oatlands Peg ..	J. Thorburn ..	Ayrshire	3,385	4·66	157·64	Maltster of Seafield
676	Silver of Inverleigh ..	A. H. Schier ..	,,	4,153	3·78	156·81	Isaac of Balvormie
677	Mayflower of Carracoorte	W. Henderson ..	,,	4,029	3·87	155·94	Cocky Rab of Gleneira
678	Nightingale 2nd of Raith	R. Goodman ..	,,	3,821	4·00	152·85	Duke of Melton Park
679	Mussle of Balvormie ..	A. H. Schier ..	,,	4,128	3·69	152·36	Oriel of Balvormie
680	Rosebud 2nd of Pine Grove	A. H. Schier ..	,,	3,428	4·44	152·29	Glen Keith of Pine Grove
681	Pretty Maid of Welbourne	G. Rowe ..	Jersey	3,380	4·49	151·56	Kyabram Milklad
682	Modesty of Winslade ..	Cockbill and Gibbs	Ayrshire	3,769	3·98	150·04	Blue Boy of Glengowrie

COWS OVER 4 YEARS OF AGE OR ON THIRD LACTATION PERIOD—250 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
683	Promise of Willow Vale..	Longerenong Agricultural College	Ayrshire	3,552	4·20	149·14	Tarbolton of Oakbank
684	Cora of Ellerslie ..	Cockbill and Gibbs	,,	3,818	3·89	148·68	Jamie of Numba
685	Flower of Prospect Hill	R. Ferguson ..	,,	3,300	4·49	148·38	Commander of Prospect Hill
686	Thelma 2nd of Carracoorte	W. Henderson ..	,,	3,928	3·08	148·38	Fritz of Rythdale
687	Pearl 3rd of Carracoorte	W. Henderson ..	,,	3,568	4·15	148·00	Bruce of Warrook
688	Springfield Molly ..	Flack and Sewell	Friesian	4,442	3·29	146·25	Rosevale Inka Sylvia Posch
689	Gladness of Gowrie Park	D. F. Griffiths ..	Ayrshire	2,890	5·06	146·20	Wallace of Gowrie Park
690	Marjorie of Burnside ..	R. Goodman ..	,,	3,430	4·17	143·03	Ventry of Seafield
691	Purity 5th of Melrose ..	R. Purnell ..	Jersey	2,339	6·10	142·69	Golden Fern's Viscount (imp.)
692	Velvet of Wethersdane..	Cockbill and Gibbs	Ayrshire	3,627	3·88	140·94	His Majesty of Wethersdane
693	Gaybelle of Wethersdane	Cockbill and Gibbs	,,	3,561	3·81	136·72	His Majesty of Wethersdane
694	Bellona 3rd of Carracoorte	W. Henderson ..	,,	3,334	3·90	129·84	Lord Dudley of Gowrie Park
695	Brownie of Warrook ..	W. Henderson ..	,,	3,011	4·19	126·12	Fashion Plate
696	Cora of Burnside ..	Cockbill and Gibbs	,,	3,259	3·84	125·01	Gregor of Oakbank
697	Prim Patch of Yarra Brae	Flack and Sewell ..	Friesian	3,795	3·24	122·86	Longbeach Big Patch
698	Mona of Inverleigh ..	A. H. Schier ..	Ayrshire	2,640	4·24	118·78	Rival of Balvormie
699	Trixie of Warrook ..	Cockbill and Gibbs	,,	2,814	3·78	106·50	Triumph of Warrook
700	Jennie of Burnside ..	Cockbill and Gibbs	,,	2,432	4·10	99·82	Ventry of Seafield
701	Betsy of Warrook ..	W. Henderson ..	,,	2,264	4·45	95·45	Frederick
702	Elsa of Willow Vale ..	W. Meredith ..	,,	2,029	4·65	94·43	Tarbolton of Oakbank
703	Delia of Oakbank ..	Cockbill and Gibbs	,,	2,421	3·52	85·27	Loadstar of Oakbank
704	Leila of Warrook ..	Cockbill and Gibbs	,,	2,167	3·90	84·51	Minerva's Jamie of Warrook
705	Letty 2nd of Warrook ..	Cockbill and Gibbs	,,	1,814	4·14	75·02	Minerva's Jamie of Warrook
706	Vanity of Warrook ..	Cockbill and Gibbs	,,	1,710	3·83	65·56	Alice's Jamie of Oakbank
707	Brownie 2nd of Carracoorte	W. Henderson ..	,,	1,931	4·50	60·50	Minerva's Jamie of Warrook
708	Mona's Pearl	Mrs. A. Black ..	Jersey	1,354	4·46	60·32	Prince Nita
709	Fenella of Glenduart ..	W. Henderson ..	Ayrshire	1,332	4·00	51·32	Sunny Boy

Cows under 4 Years of Age—200 lbs. Standard.

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
1	Babs of Somerville ..	J. Hutchinson ..	Jersey	11,185	5·16	577·62	Daphne's Prince of St. John
2	Eco Sylv Belle (imp.) ..	O. J. Syme ..	Friesian	15,178	3·73	566·41	Champion Echo Sylvia Ponteac
3	Westmere Oakwood Piebe	J. Plattfuss ..	,,	18,941	2·88	544·54	Dominion Oakwood
4	Patricia of Warenda ..	W. H. Axford ..	Jersey	8,911	6·02	536·70	Jessie's Handsome Boy
5	Silvermine 23rd of Banyule	C. G. Lyon ..	,,	11,131	4·66	519·20	Audrey's Lord Twylish
6	Burntank Mercedes Maggie	Flack & Sewell ..	Friesian	15,184	3·38	513·96	Dominion Gay Mercedes
7	Miss Guy of Tarnpirr ..	F. Trevaskis ..	Jersey	8,269	5·90	487·61	Mythic's Choice of Tarnpirr
8	Springfield No. 9 ..	S. Russell ..	Friesian	12,331	3·95	487·11	Rosevale Inka Sylvia Posch
9	St. Albans Netherlands Princess	Jones and Son ..	,,	14,381	3·33	479·41	Westmere Prince Mercedes
10	Canary 12th of King's Vale	J. Anderson, Junr.	Jersey	8,757	5·36	469·34	Bonny Lad of King's Vale
11	Northwood Queen of Somerville	J. Hutchinson ..	,,	9,587	4·90	469·33	Werribee Maderia Northwood King
12	Halecote Oakleaf Fobes	Smith and Sons ..	Friesian	13,690	3·43	465·81	Dominion Oakdale
13	Burnbank Woodcrest Segis	Flack and Sewell	,,	15,517	2·97	460·24	Dominion Woodcrest Piebe Mercedes
14	Molly 8th of Banyule ..	C. G. Lyon ..	Jersey	7,978	5·68	452·89	Milkmaid's Chief of Banyule
15	Pansy of Timberton ..	F. Austin ..	,,	7,487	5·93	444·08	Rumour of Tarnpirr
16	Butterlass of Belgonia ..	P. J. Maloney ..	..	8,405	5·27	442·54	Laddie 2nd of Banyule
17	Linda 52nd of King's Vale	J. Anderson, Junr.	..	7,764	5·56	441·18	Bonny Lad of King's Vale
18	Meadow Sweet of Warenda	P. Chirnside ..	,,	7,202	6·09	438·94	Jessie's Handsome Boy
19	Pansy of Rosemont ..	T. Mesley ..	..	7,709	5·68	438·75	Carrie's 5th Noble of Melrose
20	Noble's Gem of Laringa	H. A. Peterson ..	..	7,161	6·09	435·90	Lotina's Noble of Oaklands
21	Werribee Island Fancy	P. Chirnside ..	,,	6,947	6·28	434·16	Island Northwood Satisfaction

COWS UNDER 4 YEARS OF AGE—200 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
22	Rosevale Rosie Abbekerk	Flack and Sewell ..	Friesian	12,318	3·52	433·99	Rosevale Korndyke Sylvia Posch
23	Garenne 4th of Warenda	P. Chirnside ..	Jersey	7,644	5·61	429·10	Jessie's Handsome Boy
24	Viola 5th of King's Vale	J. Anderson, Junr.	,,	7,728	5·52	426·81	Bonny Lad of King's Vale
25	Mystery 22nd of Melrose	Jones and Son ..	,,	6,428	6·59	423·80	Jessie 15th's Handsome Boy of Melrose
26	Lady Mac of Medburn Grove	C. Bamford ..	Ayrshire	9,135	4·50	410·99	McAlister of Gowrie Park
27	Lantana 2nd of Springhurst	C. Deverell ..	Jersey	6,397	6·42	410·53	Kerensky of Springhurst
28	Attraction of Tuerong ..	H. Luxton ..	,,	6,648	6·14	408·23	Island Butter King (imp.)
29	Boronia of Sparrovale ..	Geelong Harbour Trust	Ayrshire	8,899	4·53	403·10	Jamie of Sparrovale
30	Beauty of Belgonia ..	P. J. Maloney ..	Jersey	7,231	5·52	399·08	Butterlad of Bonshaw
31	Gertie of Greenwood ..	K. McGarvie ..	,,	7,315	5·43	396·93	Young Foxy Boy
32	Lady Grey 15th of St. Albans	Jones and Son ..	,,	7,331	5·38	394·00	Brighton King 8th
33	Flower 15th of Melrose..	W. Woodmason ..	Jersey	6,466	6·09	393·78	Golden Fern's Viscount (imp.)
34	My Luck of Tarnpirr ..	W. Tendeson ..	,,	6,732	5·83	392·72	Arcadia's Choice of Tarnpirr
35	Show Girl of Tarnpirr ..	Mrs. E. M. Lennie	,,	7,328	5·36	392·54	Linda's Record 4th of King's Vale
36	Handsome Girl 10th of Melrose	W. Woodmason ..	,,	6,113	6·37	389·52	Golden Fern's Viscount (imp.)
37	Dolly 3rd of King's Vale	J. Anderson, Junr.	,,	6,368	6·12	389·50	Dinah's Model 2nd of King's Vale
38	Carmen of Hillcrest ..	W. H. Axford ..	,,	6,843	5·69	389·37	Bell Boy of Hillcrest
39	Westmere Inka Pietertje	Jones and Son ..	Friesian	9,641	4·03	388·90	Pietertje Netherlands Paul
40	Ransome Lass 2nd ..	Jones and Son ..	,,	10,653	3·64	387·39	Canterbury Statesman
41	Sunbeam of Somerville	H. Luxton ..	Jersey	6,805	5·67	385·61	Daphne's Prince of St. John
42	Bloomfield Mutual Lassie	Jones and Son ..	Friesian	11,138	3·45	384·43	Dominion Woodcrest Piebe Mercedes
43	Cosmos of Springhurst	J. D. Read ..	Jersey	5,973	6·43	384·32	Arcadia's Choice of Tarnpirr
44	Beeswing of Medburn Grove	C. Bamford ..	Ayrshire	10,504	3·65	383·15	Lord Harry of Medburn Grove
45	Canary 4th of Lesterfield	P. Chirnside ..	Jersey	6,461	5·92	382·75	Quality 6th's Son of Melrose
46	Beauty 5th of Somerville	J. Hutchinson ..	,,	8,703	4·40	382·75	Daphne's Prince of St. John
47	Beauty of St. Albans ..	Jones and Son ..	,,	6,919	5·52	381·66	Eminent V.C.
48	Irish Flavour of Elouera	J. Scott ..	,,	5,963	6·36	379·10	Irishman
49	Rosevale Jessie Posch ..	Flack and Sewell ..	Friesian	11,944	3·17	378·95	Rosevale Korndyke Sylvia Posch
50	Winnie of Ben Kell ..	R. Ralston ..	Ayrshire	8,716	4·34	378·69	Marvel of Willow Vale
51	Princess 2nd of Grangelea	A. A. Broad ..	Jersey	7,720	4·90	378·57	Preston Grey Lad
52	Westmere Ponteac Gem 2nd	Jones and Son ..	Friesian	10,610	3·57	378·56	Woodcrest Pietertje Ponteac
53	Peggy Pride of Warenda	T. Mesley ..	Jersey	5,650	6·62	374·09	Choirmaster of Warenda
54	Fuchsia of St. Albans ..	Jones and Son ..	,,	7,283	5·13	373·47	Brighton King 8th
55	Bluebell 3rd of Jerseyholm	T. Harvey ..	,,	6,711	5·56	372·81	Emperor
56	Peg of Colac	C. Wade	,,	6,907	5·39	372·13	Lassie's Fox of Colac
57	Boree of Springhurst ..	J. D. Read ..	,,	6,987	5·30	370·65	Attraction of Springhurst
58	Blossom 5th of Melrose..	Finn Bros. ..	,,	5,876	6·30	370·40	Golden Fern's Viscount (imp.)
59	Foxglove 3rd of Tarnpirr	E. A. Dennis ..	,,	6,237	5·93	369·88	Mythic's Choice of Tarnpirr
60	Princess of Willow Park	W. K. Atkinson ..	Shorthorn	9,476	3·88	368·02	Havelock of Darbalara
61	Rita 4th of Linden ..	F. W. Beischer ..	Jersey	6,815	5·38	366·96	Queen's Chief of Linden
62	Twilight of Kirkhill ..	H. A. Peterson ..	,,	6,551	5·58	365·56	Favourite's 4th Noble of Roseneath
63	Gold Bird of Methven ..	C. Deverell ..	,,	6,397	5·71	365·50	Haigh of Springhurst
64	Lady Monica 12th of King's Vale	Archibald and Son	,,	6,090	6·00	365·42	Jessamia's Imperial 5th of King's Vale
65	Victoria Dutch Wood ..	Department of Agriculture	Friesian	9,948	3·65	363·41	Domino Dutch Boy
66	Fern of Springhurst ..	J. D. Read ..	Jersey	6,340	5·73	363·06	Engineer of Springhurst
67	Buttercup 2nd of Avelon	F. Austin ..	,,	6,922	5·21	360·40	Brighton King 8th
68	Gaiety of Craigneil ..	Jones and Son ..	Friesian	9,000	4·00	359·71	Neil Mercena
69	Ipomea of Springhurst	E. A. Dennis ..	Jersey	5,473	6·57	359·52	Arcadia's Choice of Tarnpirr
70	Beryl of Craigneil ..	Jones and Son ..	Friesian	10,057	3·57	359·33	Canterbury Statesman
71	Pleasure of Ben Kell ..	R. Ralston ..	Ayrshire	7,480	4·80	359·28	Alert of Ben Kell
72	Audrey Lotus of Banyule	C. G. Lyon ..	Jersey	7,713	4·64	358·17	Audrey's Lord Twylish
73	Lucy 4th of King's Vale	J. Anderson, Junr.	,,	5,766	6·21	358·03	Jessamia's Imperial 5th of King's Vale
74	Maid 3rd of Linden ..	C. G. Lyon ..	,,	6,147	5·82	357·88	Chief of Linden
75	Dimple of Craigneil ..	S. Russell ..	Friesian	9,814	3·62	355·67	King Mercena
76	Hygeia of Sparrovale ..	Geelong Harbour Trust	Ayrshire	8,218	4·27	351·15	Luminous of Sparrovale
77	Tigra	Department of Agriculture	Red Poll	9,689	3·61	350·16	Nicotine

COWS UNDER 4 YEARS OF AGE—200 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
78	Burnbank Sylvia Posch	Flack and Sewell ..	Friesian	8,743	3·99	349·20	Rosevale Inka Burkeyje
79	Stumpy 2nd of Clarendonayre	J. A. Morris ..	Jersey	7,203	4·83	348·07	Lotina's Larkspur Twylish
80	Happy Jean of Medburn Grove	C. Bamford ..	Ayrshire	7,821	4·43	346·83	Doctor of Medburn Grove
81	Lady Grey 18th of St. Albans	R. Purnell ..	Jersey	6,515	5·32	346·50	Brighton King 8th
82	Maid 2nd of Linden ..	Jones and Son ..	,,	5,870	5·90	346·44	Chief of Linden
83	Blanchette 5th of St. Albans	Jones and Son ..	,,	6,788	5·10	345·94	Brighton King 8th
84	Burnbank Queen Patch	Flack and Sewell ..	Friesian	9,737	3·55	345·35	Rock Patch
85	Gem of Burnside ..	R. Goodman ..	Ayrshire	7,159	4·82	344·92	Provider of Willow Vale
86	Colantha Curley Segis ..	O. J. Syme ..	Friesian	9,960	3·45	343·60	Cordyline Colantha Hero
87	Carnation of Ferntree Vale	J. Phillips ..	Jersey	6,513	5·24	341·37	Jessie's Handsome Boy
88	Daphne	Leongatha High School	,,	6,220	5·48	340·70	Shooting Star
89	Pretty Belle 2nd ..	J. Huffer.. ..	,,	6,787	4·98	338·14	Pretty King
90	Lady Elector 9th of Melrose	W. H. Axford ..	,,	6,279	5·37	337·15	Golden Fern's Viscount (imp.)
91	Lady Starlight of Bruce Vale	H. Luxton ..	,,	5,982	5·60	335·12	Island Butter King (imp.)
92	Daisy 2nd of Ferntree Vale	A. L. N. Walter ..	,,	6,213	5·39	335·11	Jessie's Boy of Melrose
93	Gaiety Girl 11th of Melrose	A. Joshua ..	,,	5,613	5·95	334·03	Latest Style of Melrose
94	Model of Holly Green ..	H. L. Webb ..	Ayrshire	8,537	3·89	332·50	Maxwell of Gleneira
95	Jubilee Wattle ..	Miss B. Reid ..	Jersey	6,711	4·95	332·34	Bundoora Jubilee Fog
96	Dulcie of Evergreen ..	H. S. Gibson ..	Ayrshire	7,704	4·31	332·12	Luminous of Drayton
97	Burnbank Mercedes Violet	Flack and Sewell ..	Friesian	9,348	3·53	330·20	Dominion Gay Mercedes
98	Fairy Queen 4th of Linden	J. J. Baker ..	Jersey	6,123	5·38	329·56	The Chief of Linden
99	Laura 13th of Melrose ..	W. Woodmason ..	,,	5,329	6·14	327·29	Golden Fern's Viscount (imp.)
100	Lady Lene of Elouera ..	H. Luxton ..	,,	6,873	4·75	326·30	Lord Richmond
101	St. Alban's Daffodil Mercena	Jones and Son ..	Friesian	8,842	3·67	324·83	Michalmas King
102	Beltana	Department of Agriculture	Red Poll	7,650	4·25	324·78	Belligerent
103	Bonnie Annie of Aberdour	Alston Estate ..	Jersey	5,645	5·71	322·59	Eminent V.C.
104	Modest of Greenwood ..	K. McGarvie ..	,,	6,567	4·88	320·49	Golden Hero of Greenwood
105	Westmere Oakwood Duchess	J. Plattfuss ..	Friesian	9,340	3·42	318·98	Dominion Oakwood
106	Kyora Twinkle ..	Miss S. L. Robinson	Jersey	6,875	4·63	318·36	Daisy's Morocco's Fox of Werribee
107	Ashlyn 58th	Flack and Sewell ..	Friesian	8,681	3·65	317·05	Black and White King of Ashlyn
108	Lassie 5th of Clover Flat	O. G. Handbury ..	Jersey	6,110	5·18	316·21	Curious King
109	Springfield No. 14 ..	R. Ferguson ..	Friesian	9,732	3·24	315·19	Rosevale Inka Sylvia Posch
110	Belladonna of Aberdour	Alston Estate ..	Jersey	5,458	5·77	315·08	Eminent V.C.
111	Trinket of Banyule ..	H. Luxton ..	,,	5,925	5·29	313·55	Audrey's Lord Twylish
112	St. Alban's May Queen	Jones and Son ..	Friesian	8,721	3·59	313·19	Burdett's Prince
113	Chaffinch of Banyule ..	A. Joshua ..	Jersey	5,511	5·67	312·37	Lord Silvermine 8th of Banyule
114	Lucy 3rd of Carracoorte	W. Henderson ..	Ayrshire	6,610	4·72	312·25	Lord Dudley of Gowrie Park
115	Burnbank Sir Ormsby Canary	Flack and Sewell ..	Friesian	8,208	3·78	310·94	Sir Ormsby Colantha Banostine
116	Pearl of Gleneira ..	C. Lees	Ayrshire	7,226	4·31	310·38	Sunstar of Lady Bank
117	Sir Fancy's Larkspur of Staghorn	F. Bidgood ..	Jersey	6,242	4·95	308·93	Sir Fancy Maderia of Werribee
118	My Hope of Lynuilg ..	E. A. Dennis ..	,,	5,696	5·38	306·44	Eminent of Tarnpirr
119	Flower of Manuka ..	Miss C. E. McClelland	,,	6,486	4·69	304·49	Liberty Twylish
120	Princess of Strathbow ..	J. Chadderton ..	,,	6,246	4·88	303·50	Bonny Lad of King's Vale
121	Madge of Greenwood ..	K. McGarvie ..	,,	6,493	4·66	302·77	Golden Hero of Greenwood
122	Heatherbell of Sparrovale	Geelong Harbour Trust	Ayrshire	6,337	4·78	302·60	Scottish King of Gowrie Park
123	Lady Grey 16th of St. Albans	H. Luxton ..	Jersey	5,259	5·75	302·31	Brighton King 8th
124	Noble's Morocco of Rainga	P. H. Lawrence ..	,,	6,645	4·55	302·13	Claribell's Noble 2nd
125	Venie of Greenwood ..	K. McGarvie ..	,,	6,380	4·74	302·08	Young Foxy Boy
126	Flower of Bignold ..	S. Earle	,,	6,254	4·82	301·25	Jolly Mike of Fairview
127	Three Castles ..	Department of Agriculture	Red Poll	6,981	4·31	300·91	Longford Major (imp.)
128	Isla of Ben Kell ..	R. Ralston ..	Ayrshire	7,036	4·27	300·43	Marvel of Willow Vale
129	Machree of Banyule ..	C. G. Lyon ..	Jersey	4,440	6·77	300·40	Audrey's Lord Twylish
130	Buttercup 15th of Ferntree Vale	Gibson Bros. ..	,,	5,439	5·52	300·24	Starbright Renard

COWS UNDER 4 YEARS OF AGE—200 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
131	Lady Dulcie of Ben Kell	R. Ralston ..	Ayrshire	7,409	4·05	300·12	Marvel of Willow Vale
132	Beryl of Ayrbrae ..	McFarlane Bros. ..	,,	6,938	4·32	299·82	Harmonist of Ellerslie
133	Ashlyn 52nd	Flack and Sewell ..	Friesian	8,023	3·71	297·45	Royal King Champion
134	Burnbank Domino Patch	Flack and Sewell ..	,,	7,919	3·74	295·71	Rock Patch
135	St. Albans Daisy ..	Jones and Son ..	,,	8,071	3·66	295·22	St. Alban's May King
136	Shadow of Linga Longa	Mrs. I. Beard ..	Jersey	5,110	5·76	294·44	Dawn of Warenda
137	Pansy of Roseleigh ..	N. Gange ..	Ayrshire	6,539	4·50	293·95	Renown of Roseleigh
138	Naldera	C. D. Lloyd	Jersey	5,653	5·18	292·63	Goldfinder (imp.)
139	Morven Duchess of Brunswick 3rd	Kerr Bros. ..	Shorthorn	6,750	4·33	292·11	Morven York Rose 15th
140	Empire 8th of Melrose	C. Falkenberg ..	Jersey	5,154	5·66	291·90	Golden Fern's Viscount (imp.)
141	Daisy 14th of Melrose ..	W. Woodmason ..	,,	4,957	5·89	291·85	Golden Fern's Viscount (imp.)
142	Bonza of Medburn Grove	C. Bamford ..	Ayrshire	7,733	3·77	291·65	Douglas of Medburn Grove
143	Viola 2nd of Carracoorte	W. Henderson ..	,,	6,094	4·78	291·52	Lord Dudley of Gowrie Park
144	Alsyke 2nd of Springhurst	J. D. Read ..	Jersey	4,636	6·29	291·47	Arcadia's Choice of Tarnpirr
145	Lady Maid 2nd ..	C. Lees	Ayrshire	6,104	4·74	290·90	Wallace of Roxburgh
146	Molly 9th of Banyule ..	C. G. Lyon ..	Jersey	4,910	5·91	290·28	Moleskin Chief of Banyule
147	Annie 2nd of Medburn Grove	C. Bamford ..	Ayrshire	7,437	3·89	289·50	Lord Harry of Medburn Grove
148	Silver Daisy of Terara ..	A. Joshua ..	Jersey	4,502	6·43	289·48	Daisy Boy of Nowra
149	Beauty of Staghorn ..	F. Bidgood ..	,,	5,000	5·78	288·97	Werribee's Fancy Butter King
150	Ada of Langley Park ..	Callery Bros. ..	Ayrshire	6,604	4·35	287·04	Gallant Lad of View Hill
151	Bloom of Willow Park	W. K. Atkinson ..	Shorthorn	7,169	4·00	286·82	Havelock of Darbalara
152	Delphinium of Springhurst	Mesdames Lithgow and Benson	Jersey	4,547	6·09	286·81	Arcadia's Choice of Tarnpirr
153	Irish Eyes of Elouera ..	J. Scott	,,	4,544	6·30	286·17	Irishman ..
154	Brownie 5th of Carracoorte	W. Henderson ..	Ayrshire	5,478	5·20	285·00	Victor 2nd of Carracoorte
155	Queenie of Spring Vale	R. C. Campbell ..	Jersey	4,902	5·78	283·78	Comedy King of St. Albans
156	Lady Hyle 7th	Kerr Bros. ..	Shorthorn	7,330	3·87	283·70	Morven Western Comet
157	Bertha of Medburn Grove	C. Bamford ..	Ayrshire	6,668	4·24	282·48	St. Eldred of Willow Vale
158	Queen of Scots 2nd of Banyule	A. H. Schier ..	,,	5,851	4·82	282·24	Rational of Oakbank
159	Christmas Belle of Hillcrest	A. Joshua ..	Jersey	5,679	4·97	282·17	Starbright Renard
160	Daisy 7th	S. H. Ebery ..	Shorthorn	7,058	3·99	281·59	Duke of Ararat
161	Gertie 6th of Carracoorte	A. Kirby.. ..	Ayrshire	6,231	4·51	281·31	Lord Dudley of Gowrie Park
162	Jessie Fobes Homestead of Oakview	Flack and Sewell ..	Friesian	7,243	3·88	281·10	Dominion Dutch Lad
163	Rarity 13th of Melrose ..	E. A. Dennis ..	Jersey	4,860	5·80	280·27	Golden Fern's Viscount (imp.)
164	Victoria Velvet ..	Department of Agriculture	Red Poll	6,318	4·43	279·98	Belligerent (imp.)
165	Belle Van Cleve ..	O. J. Syme ..	Friesian	7,638	3·66	279·91	Cordyline Colantha Hero
166	Arbour 4th	Evans Bros. ..	Red Poll	6,848	4·08	279·13	Dinkum Astrologer
167	Laurie 2nd of Ferntree Vale	R. Purnell ..	Jersey	5,478	5·08	278·38	Starbright Renard
168	Tulip 2nd of Springhurst	J. D. Read ..	,,	4,638	6·00	278·14	Attraction of Springhurst
169	Beanie of Sparrovale ..	Geelong Harbour Trust	Ayrshire	7,322	3·77	276·39	Jamie of Sparrovale
170	Begonia of Ben Kell ..	R. Ralston ..	,,	6,541	4·22	275·81	Marvel of Willow Vale
171	Linda of the Valley ..	Mrs. E. M. Lennie..	Jersey	5,242	5·23	274·19	Banjo of Warenda
172	Mollie Riley of Sparrovale	Geelong Harbour Trust	Ayrshire	6,319	4·33	273·56	The Laird of Sparrovale
173	Gold Point 2nd of Banyule	A. H. Schier ..	,,	5,682	4·80	272·97	Rational of Oakbank
174	Dunalister Lady Lydia	W. B. Ronald ..	Jersey	5,128	5·31	272·48	Mannikin of Glen Iris
175	Melilla	Department of Agriculture	Red Poll	7,147	3·79	271·11	Longford Major (imp.)
176	Burnbank Woodcrest Fayne	Flack and Sewell ..	Friesian	7,836	3·44	269·80	Woodcrest Piebe Mercedes
177	Dairymaid of Evergreen	H. S. Gibson ..	Ayrshire	6,829	3·95	269·48	Luminous of Drayton
178	Primrose of Ayrbrae ..	McFarlane Bros. ..	,,	5,731	4·70	269·42	Harmonist of Ellerslie
179	Empire 7th of Melrose ..	W. Woodmason ..	Jersey	4,405	6·11	269·09	Golden Fern's Viscount (imp.)
180	Beauty 2nd of Belgonia	E. A. Dennis ..	,,	5,035	5·34	268·74	Hedge of Banyule
181	Nora of Sparrovale ..	Geelong Harbour Trust	Ayrshire	6,110	4·37	266·82	Jamie of Sparrovale
182	Daisy 2nd of Ferndale ..	D. C. Miller ..	Jersey	4,971	5·36	266·37	Lord Grey of St. Albans
183	Laurel of Longerenong..	Longerenong Agricultural College	Ayrshire	6,029	4·41	266·19	Gay Lad of Sparrovale
184	Dot of Jerseyvale ..	Mrs. L. Orchard ..	Jersey	4,559	5·82	265·44	Choice 2nd of Tarnpirr
185	Pansy of Gleneira ..	C. Lees	Ayrshire	5,821	4·50	261·81	Champion Triumph of Gleneira

COWS UNDER 4 YEARS OF AGE—200 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
186	Maggie of Longerenong	Longerenong Agricultural College	Ayrshire	5,593	4·83	260·46	Gay Lad of Sparrovale
187	Daphne of Somerset ..	A. E. Batson ..	Jersey	4,438	5·85	260·13	Lord Silvermine 8th of Banyule
188	Stockings of Inverleigh	A. H. Schier ..	Ayrshire	6,052	4·29	259·69	Warwick of Sparrovale
189	Belle Dear of St. Albans	F. Austin ..	Jersey	5,907	4·40	259·63	Garanties Colonel of Penrhyn
190	Mabel of Sparrovale ..	Geelong Harbour Trust	Ayrshire	6,153	4·19	258·17	Romeo of Sparrovale
191	Wattle Bloom of Bellaire	W. H. Atherton ..	Jersey	4,830	5·50	256·80	Lord Richmond
192	Rose of Lake Valley ..	G. Vallence ..	Ayrshire	6,845	3·75	256·40	Sea Prince of Retreat
193	Thelma 5th of Carracoorte	W. Henderson ..	,,	5,149	4·97	255·96	Victor 2nd of Carracoorte
194	Pearline 2nd of Retreat..	H. V. McKay ..	,,	5,563	4·60	255·88	Commonwealth of Retreat
195	Mistletoe 3rd of Tarnpirr	A. Joshua ..	Jersey	4,395	5·78	253·93	Christmas Choice of Tarnpirr
196	Kyora Anthem ..	Miss S. L. Robinson	,,	4,607	5·50	253·43	Brown Duke of Glen Iris
197	Aria	Department of Agriculture	Red Poll	6,346	3·99	253·42	Longford Major (imp.)
198	Princess of Ayrbrae ..	McFarlane Bros. ..	Ayrshire	5,369	4·69	251·61	Harmonist of Ellerslie
199	Cissie of Wattlebank ..	A. Kirby.. ..	,,	6,241	4·03	251·56	Weelfair'd of Oakbank
200	Roseleaf 2nd	C. Lees	,,	5,126	4·90	251·40	Wallace of Roxburgh
201	Bolobek Diana ..	O. J. Syme ..	Friesian	7,002	3·58	250·90	Johanna Lad
202	Burnbank Inka Segis Cora	Flack and Sewell ..	,,	7,287	3·44	250·79	Alderly Segis Berk
203	Marjorie of Medburn Grove	C. Bamford ..	Ayrshire	6,707	3·72	249·83	St. Elfred of Willow Vale
204	Madge of Holly Green ..	C. Lees	,,	5,910	4·20	249·73	Maxwell of Gleneira
205	Canary of Rock Lee ..	Mrs. F. M. Akehurst	Jersey	4,538	5·47	249·09	Bonny Lad of King's Vale
206	Ruby of Jersey Vale ..	P. J. Ducat ..	,,	4,977	4·98	247·79	Choice 2nd of Tarnpirr
207	Bell of Boorene ..	S. Earle	,,	4,848	5·11	247·57	Noble Direct of Boorene
208	Jubilee Musk ..	Miss B. Reid ..	,,	5,572	4·43	246·79	Twylish Maderia's Fox 2nd of Werribee
209	Brunette of Willow Vale	R. Ralston ..	Ayrshire	5,869	4·19	245·66	Gain of Oakbank
210	Bahama	Department of Agriculture	Red Poll	5,745	4·27	245·37	Longford Major (imp.)
211	Duke's Spark of Glen Iris	S. S. Cameron ..	Jersey	3,745	6·51	243·95	Perree's Duke (Imp.)
212	Lady Doris of Ben Kell	H. V. McKay ..	Ayrshire	5,797	4·21	243·82	Marvel of Wollow Vale
213	Dunalister Mannikin's Czarina	J. A. Huifer ..	Jersey	4,413	5·52	243·71	Mannikin of Glen Iris
214	Fairy Belle of Rochdale	E. J. Moore ..	,,	4,822	5·05	243·34	May's King of Rochdale
215	Lady of Ayrbrae ..	McFarlane Bros. ..	Ayrshire	5,498	4·41	242·60	Harmonist of Ellerslie
216	Bettsie of Inverleigh ..	A. H. Schier ..	,,	5,554	4·36	242·33	Warwick of Sparrovale
217	Princess of Kirkhill ..	D. C. Miller ..	Jersey	4,754	5·07	241·05	Claribelle's Noble 2nd of Roseneath
218	Countess Togo ..	J. R. Hokin ..	Friesian	6,989	3·45	240·81	Count Togo
219	Princess 2nd of Willow Park	W. K. Atkinson ..	Shorthorn	6,152	3·91	240·39	Havelock of Darbalara
220	Noorat Mignonette ..	Mrs. A. Black ..	Jersey	5,126	4·68	239·62	Milklad of Banyule
221	Countess of Carracoorte	W. Henderson ..	Ayrshire	4,954	4·82	239·52	Lord Dudley of Gowrie Park
222	Dorrie of Evergreen ..	H. S. Gibson ..	,,	5,520	4·34	239·48	Luminous of Drayton
223	Glady's Mac of Medburn Grove	C. Bamford ..	,,	5,780	4·13	238·98	Macallister of Gowrie Park
224	Belle Johanna Rue ..	O. J. Syme ..	Friesian	6,429	3·71	238·89	Cordyline Colantha Hero
225	Floe of Evergreen ..	H. S. Gibson ..	Ayrshire	5,060	4·71	238·54	Luminous of Drayton
226	Cream Nut of Glen Iris..	C. D. Lloyd ..	Jersey	4,053	5·87	237·76	Perree's Duke (imp.)
227	Roseleaf of Hill View ..	Mrs. C. O'Donoghue	Ayrshire	5,320	4·47	237·64	Majestic of Drayton
228	Kyora Velveteen ..	Miss S. L. Robinson	Jersey	4,499	5·27	237·14	Daisy Morocco's Fox of Werribee
229	Mulberry 2nd of Ayrbrae	McFarlane Bros. ..	Ayrshire	5,516	4·27	235·73	Harmonist of Ellerslie
230	Rose of Jerseyvale ..	Mrs. L. Orchard ..	Jersey	4,603	5·12	235·62	Golden Twylish
231	Thora 9th of Banyule ..	C. G. Lyon ..	,,	4,694	5·01	235·50	Audrey's Lord Twylish
232	Belle of Mona Bank ..	R. Faragher ..	,,	4,629	5·08	235·06	Foxie of Tarnpirr
233	Betty of Woodbyrne ..	J. Benallack ..	Ayrshire	5,318	4·35	232·81	Timie of Woobyrne
234	Bud of Ayrbrae ..	McFarlane Bros. ..	,,	5,302	4·37	231·54	Harmonist of Ellerslie
235	Neatest of Springvale ..	R. C. Campbell ..	Jersey	4,917	4·71	231·47	Comedy King of St. Albans
236	Ashlyn 56th	Flack and Sewell ..	Friesian	5,920	3·91	231·42	Royal King Champion
237	Virtue of Ayrbrae ..	McFarlane Bros. ..	Ayrshire	5,159	4·48	231·36	Kiltie of Oakbank
238	Dahlia 3rd	C. Lees	,,	5,195	4·45	231·17	Bakewell of Gleneira
239	Dolores 2nd of Banyule	A. H. Schier ..	,,	5,077	4·55	231·08	Rational of Oakbank
240	Forget-me-not of Retreat	W. J. Muhlebach ..	,,	4,976	4·64	230·91	Commonwealth of Retreat
241	Noorat Midget ..	Mrs. A. Black ..	Jersey	3,994	5·78	230·86	Milklad of Banyule
242	Victoria Attraction ..	Department of Agriculture	,,	3,991	5·76	230·07	Sherry's Attraction's Fox
243	Nancy 2nd of Somerset..	A. E. Batson ..	,,	3,897	5·84	227·70	Lord Silvermine 8th of Banyule
244	Miss Mac of Medburn Grove	C. Bamford ..	Ayrshire	5,690	3·99	227·02	Macallister of Gowrie Park

COWS UNDER 4 YEARS OF AGE—200 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
245	Scotswood Mistress ..	A. H. Schier ..	Ayrshire	5,682	3·97	226·76	Warwick of Sparrovale
246	Oatland's Bright Beauty	J. Thorburn ..	,,	5,464	4·15	226·50	Captain of Medburn Grove
247	Jewell of Sparrovale ..	Geelong Harbour Trust	,,	5,077	4·46	226·32	Jamie of Sparrovale
248	Vida of Burnside ..	J. G. Lobb ..	,,	5,320	4·21	223·98	Ventry of Seafield
249	Joy of Hillcrest ..	G. Rowe ..	Jersey	4,067	5·45	221·59	Bell Boy of Hillcrest
250	Pretty Pansy of Welbourne	G. Rowe ..	,,	3,628	6·06	219·70	Young Premier
251	Elma of Woongarra ..	W. Meredith ..	Ayrshire	5,011	4·37	219·23	Stanley of Gowrie Park
252	Cherry 2nd of Willow Park	W. K. Atkinson ..	Shorthorn	5,141	4·26	219·15	Havelock of Darbalara
253	Merline of Inverleigh ..	A. H. Schier ..	Ayrshire	4,704	4·64	218·19	Major of Gowrie Park
254	Lily's Petal of Elouera	J. Scott	Jersey	3,971	5·48	217·78	Lily's Lad of Holmwood
255	Nancy of Somerset ..	A. E. Batson ..	,,	3,576	6·08	217·41	Lord Silvermine 8th of Banyule
256	Roseleaf of Holly Green	C. Lees	Ayrshire	5,082	4·22	214·47	Maxwell of Gleneira
257	Springfield Ideal Keyes	J. Plattfuss ..	Friesian	6,410	3·29	211·16	Rosevale Ideal Keyes
258	Lady Lass 2nd ..	C. Lees	Ayrshire	4,964	4·24	210·58	Wallace of Roxburgh
259	Daisy Brown of Inverleigh	A. H. Schier ..	,,	4,628	4·54	210·21	Warwick of Sparrovale
260	Woodruff Mystic Maid..	P. Purnell ..	Jersey	3,120	6·72	209·77	White Fox of Clovelly
261	Carolina	Mrs. M. E. Carroll..	Red Poll	4,741	4·42	209·34	Highflyer
262	Phyllis of Woodbyrne ..	J. Benallack ..	Ayrshire	5,309	3·91	209·25	Merry Boy of Woodbyrne
263	Lady Marge of Somerset	A. E. Batson ..	Jersey	3,827	5·47	209·25	Lord Silvermine 8th of Banyule
264	Woorndoo	Warragul High School	Red Poll	4,721	4·42	208·63	Belligerent (imp.)
265	Blue Lass of Linden ..	Jones and Son ..	Jersey	3,959	5·27	208·53	The Chief of Linden
266	Oatlands Annetta ..	J. Thorburn ..	Ayrshire	4,872	4·23	206·17	Captain of Medburn Grove
267	Crissie of Willow Vale ..	R. Ralston ..	,,	5,631	3·65	205·54	Gain of Oakbank
268	Wild Tulip 2nd ..	E. T. Jones ..	Friesian	5,523	3·72	205·45	Canterbury Statesman
269	White Bell of Rochdale	E. J. Moore ..	Jersey	4,434	4·60	203·74	May's King of Rochdale
270	Scotswood Statuette ..	A. H. Schier ..	Ayrshire	4,972	4·09	203·34	Warwick of Sparrovale
271	Doris 2nd of Fairfield Park	C. L. Rigby ..	,,	6,444	3·14	202·66	Hilda's Earl of Gleneira
272	Flora Again of Roseneath	R. Goodman ..	,,	4,200	4·81	202·11	Fantaril of Willow Vale
273	Mischief of Linden ..	F. W. Beischer ..	Jersey	3,302	6·09	201·24	The Chief of Linden
274	Trinket of Tregorland ..	J. T. Tuckey ..	Ayrshire	5,089	3·93	200·13	Rival of Tregorland
275	Buttercup 2nd of Carracoorte	W. Henderson ..	,,	4,415	4·53	199·98	Lord Dudley of Gowrie Park
276	Promise 2nd of Range View	C. Lees	,,	5,790	3·45	199·66	Peace Day of Spring Mount
277	Burnbank Springfield Inka Fayne	Flack and Sewell ..	Friesian	5,940	3·35	199·08	Springfield Inka
278	Judy of Tregorland ..	J. F. Tuckey ..	Ayrshire	4,838	4·10	198·32	Rival of Tregorland
279	Minerva's Balm 3rd of Carracoorte	W. Henderson ..	,,	4,431	4·41	195·02	Victor 2nd of Carracoorte
280	Victoria Coriander ..	Department of Agriculture	Friesian	5,630	3·46	194·89	Dominion Domino Dutch Boy
281	Oatlands Pretty Polly	J. Thorburn ..	Ayrshire	4,574	4·26	194·67	Captain of Medburn Grove
282	Dunalister Mannikin's Tissue	Clyne Bros. ..	Jersey	4,279	4·54	194·14	Mannikin of Glen Iris
283	Victoria Bellona ..	Department of Agriculture	Friesian	5,403	3·59	193·83	Dominion Domino Dutch Boy
284	Madge of Langley Park	Callery Bros.	Ayrshire	4,274	4·52	193·33	Gallant Lad of View Hill
285	May 2nd of Jerseyvale..	Mrs. L. Orchard ..	Jersey	3,803	5·06	192·61	Choice 2nd of Tarnpirr
286	Ashlyn 74	Flack and Sewell ..	Friesian	5,540	3·53	192·16	Royal King Champion
287	Melba of Holly Green ..	H. L. Webb ..	Ayrshire	4,230	4·51	190·58	Maxwell of Gleneira
288	Lollie of Carracoorte ..	W. Henderson ..	,,	4,707	4·02	189·25	Lord Dudley of Gowrie Park
289	Dunalister Mannikin Marie	D. C. Miller ..	Jersey	3,297	5·74	189·21	Mannikin of Glen Iris
290	Victoria Velvine ..	Department of Agriculture	Red Poll	4,553	4·14	188·59	Nicotine
291	Rose of Hillcrest ..	Mrs. M. and W. A. Francis	Ayrshire	4,376	4·12	180·39	Victor of Warrook
292	Myrtle of Colac ..	C. Falkenberg ..	Jersey	3,359	5·25	176·39	Twylish Queen's Fox
293	Dunalister Perrees Quick Beauty	W. B. Ronald ..	,,	2,946	5·88	173·08	Dunalister Perrees Quick Duke
294	Jubilee Hollyhock ..	Miss B. Reid ..	,,	3,228	5·24	169·08	Poppy's King
295	Pixie of Langley Park ..	Callery Bros. ..	Ayrshire	3,716	4·48	166·44	Playaway of Willow Vale
296	Bloomfield Canada Model	E. T. Jones ..	Friesian	4,821	3·45	166·27	Lakeside of Canada
297	Defenders Queen of Springvale	R. C. Campbell ..	Jersey	2,948	5·56	164·01	Sweet Fox of Springvale
298	Jubilee Dahlia ..	Miss B. Reid ..	,,	3,358	4·87	163·63	Twylish Maderia's Fox 2nd
299	Gladden of La Trobe ..	C. G. Newton ..	Ayrshire	3,823	4·27	163·20	Darnley of Gowrie Park
300	Carlisle Netherland Grace	Flack and Sewell ..	Friesian	4,748	3·42	162·29	Dominion Sir Agnes
301	Daphne of Mt. Hope ..	M. Galbraith ..	Ayrshire	3,973	4·00	158·98	Stella's Prince of Gowrie Park

COWS UNDER 4 YEARS OF AGE—200 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
302	Brownie 4th of Carracoorte	W. Henderson ..	Ayrshire	3,906	4·06	158·65	Dahlia's Duke of Gleneira
303	Dunalister Mannikin Perrees Sunstar	Clyne Bros ..	Jersey	2,972	5·17	153·61	Mannikin of Glen Iris
304	Greta of Glen Avon ..	Cockbill and Gibbs	Ayrshire	3,660	4·14	151·40	Musician of Willow Vale
305	Woodburn Tartar ..	T. H. Payne ..	Red Poll	3,070	4·86	149·17	Honingham Astrology (imp.)
306	Ashlyn 69th	Flack and Sewell ..	Friesian	3,778	3·94	148·90	Royal King Campion
307	Darling of Inverleigh ..	A. H. Schier ..	Ayrshire	3,854	3·73	143·64	Warwick of Sparrovale
308	Limerick	Mrs. M. E. Carroll ..	Red Poll	2,831	4·77	134·99	Highflyer
309	Phœbe 2nd of Glen Avon	Cockbill and Gibbs	Ayrshire	3,137	4·30	134·77	Warlock of Fernhill
310	Gain of Roxburgh ..	A. H. Schier ..	,,	3,130	3·97	124·36	Dalgety of Simpson House
311	Ada 3rd of Glenbrae ..	Cockbill and Gibbs	,,	3,257	3·76	122·31	Warlock of Fernhill
312	Lady Louie of Glen Avon	Cockbill and Gibbs	,,	2,894	4·18	120·86	Warlock of Fernhill
313	Betsy 8th of Carracoorte	W. Henderson ..	,,	2,789	4·23	117·89	Lord Dudley of Gowrie Park
314	Princess of Prospect Hill	Cockbill and Gibbs	,,	3,067	3·81	117·14	Progress of Golden Vein
315	Minnie of Glen Avon ..	Cockbill and Gibbs	,,	2,964	3·91	115·79	Warlock of Fernhill
316	Noorat Duchess ..	Mrs. A. Black ..	Jersey	1,962	5·77	113·12	Milklad of Banyule
317	Blossom of Wethersdane	Cockbill and Gibbs	Ayrshire	2,731	4·08	111·56	His Majesty of Wethersdane
318	Sparkle 3rd of Carracoorte	W. Henderson ..	,,	2,967	3·75	111·47	Lord Dudley of Gowrie Park
319	Cora of Glen Avon ..	Cockbill and Gibbs	,,	2,596	4·16	107·95	Warlock of Fernhill
320	Merline of Burnside ..	Cockbill and Gibbs	,,	2,856	3·72	106·39	Gregor of Oakbank
321	Mignonettee of Mt. Hope	M. Galbraith ..	,,	2,464	4·10	101·13	Stella's Prince of Gowrie Park
322	Gaiety Girl of Glen Avon	Cockbill and Gibbs	,,	2,622	3·72	97·47	Warlock of Fernhill
323	Ruby's Surprise of Welbourne	G. Rowe ..	Jersey	1,925	4·85	93·44	War Chief of Glen Iris
324	Blossom of Springfield ..	Cockbill and Gibbs	Ayrshire	1,983	4·62	91·47	Paddy of Warrodale
325	Mona of Wethersdane ..	Cockbill and Gibbs	,,	2,321	3·90	90·52	His Majesty of Wethersdane
326	Betsy 7th of Carracoorte	W. Henderson ..	,,	2,274	3·89	88·57	Lord Dudley of Gowrie Park
327	Belle of Wethersdane ..	Cockbill and Gibbs	,,	1,440	3·95	56·88	His Majesty of Wethersdane

Heifers—175 lbs. Standard.

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
1	Moss Vale Ideal Sylvia Posch	S. Russell ..	Friesian	11,336	3·75	425·11	Rosevale Ideal Keys
2	Mandoline of Warenda	T. Mesley ..	Jersey ..	7,051	5·95	419·23	Jazz of Warenda
3	St Albans Rose Mercedes	A. W. Jones and Son	Friesian	9,871	3·91	385·98	Westmere Prince Mercedes
4	Agnes 2nd of Warenda	T. Mesley ..	Jersey ..	5,924	6·49	384·59	Jazz of Warenda
5	Coldstream Moss Rose ..	O. J. Syme ..	Friesian	8,032	4·78	383·59	King Manor of Ashlyn
6	Tiny Choice of Belgonia	P. J. Maloney ..	Jersey ..	6,254	6·13	383·51	Hedge of Banyule
7	Beauty 2nd of St. Albans	A. W. Jones and Son	,, ..	7,306	5·25	383·35	Brighton King 8th
8	Arcadia's Princess of Methven	C. Deverell ..	,, ..	6,291	6·07	382·09	Arcadia's Choice of Tarnpirr
9	Princess of Comely Banks	Finn Bros. ..	,, ..	5,751	6·48	372·63	Flower 6th's Nobleman of Melrose
10	Rosella 10th of King's Vale	J. Anderson ..	,, ..	5,715	6·52	372·50	Jessamia's Imperial 5th of King's Vale
11	Rosevale Cordele Posch	Flack and Sewell ..	Friesian	12,720	2·92	371·19	Rosevale Korndyke Sylvia Posch
12	Vesta of Somerville ..	J. Hutchinson ..	Jersey	7,262	5·10	370·52	Werribee Maderia Northwood King
13	Vanity of Woorayl ..	Leongatha High School	,, ..	5,126	7·11	364·33	Cream Duke of Glen Iris
14	Una of Wooringa ..	C. Deverell ..	,, ..	5,666	6·40	362·76	Big Chief of Glen Iris
15	Mystery of Belgonia ..	P. J. Maloney ..	,, ..	6,622	5·37	355·32	Hedge of Banyule
16	Hawthorn 8th of Banyule	C. G. Lyon ..	,, ..	6,133	5·77	353·80	Audrey's Lord Twylish
17	Bainfield Topsy 15th ..	Flack and Sewell ..	Friesian	7,465	4·69	349·75	Rosevale King Sylvia
18	Laughter of Gleneira ..	D. Wadelton ..	Ayrshire	8,020	4·35	349·26	Gay Duke of Gleneira
19	Princess 2nd of Strathbow	O. G. Handbury ..	Jersey ..	5,962	5·79	345·01	Golden Mac of Strathbow
20	Princess Valda of Somerville	J. Hutchinson ..	,, ..	6,687	5·11	341·93	M.A.T.

HEIFERS—175 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
21	Gladiolus of Springhurst	J. D. Read ..	Jersey ..	5,987	5·70	341·35	Arcadia's Choice of Tarnpirr
22	Adore of Woodside ..	Miss S. L Robinson	,, ..	6,005	5·67	340·60	Goldfinder (imp.)
23	Keepsake 2nd of Warenda	T. Mesley ..	,, ..	5,691	5·98	340·43	Choirmaster of Warenda
24	Balm 5th of Carracoorte	N. Gange ..	Ayrshire	7,804	4·26	332·72	Heather Jock of Invergordon
25	Lassie Fowler of Rosemont	R. H. Maher ..	Jersey ..	6,005	5·50	329·99	Cobber of Banyule
26	Myrtle of Retreat ..	H. V. McKay ..	Ayrshire	7,482	4·39	328·61	Commonwealth of Retreat
27	Vanilla 18th of Melrose	J. Phillips ..	Jersey ..	5,375	6·10	327·76	Golden Fern's Viscount (imp.)
28	Ettie 7th of Banyule ..	C. G. Lyon ..	,, ..	6,285	5·19	326·48	Audrey's Lord Twylish
29	Banhinia of Springhurst	J. D. Read ..	,, ..	5,797	5·59	324·33	Monash of Springhurst
30	La Charme 2nd of Warenda	T. Mesley ..	,, ..	5,681	5·70	323·61	Choirmaster of Warenda
31	Canary 5th of Lesterfield	P. Chirnside ..	,, ..	5,369	6·00	321·89	Quality's 6th Son of Melrose
32	Victoria Reparation ..	Department of Agriculture	Red Poll	8,551	3·74	319·43	Nicotine
33	Monitress of Rockbank	W. H. Axford ..	Jersey ..	5,993	5·48	318·63	Nonies King of Melksham Park
34	St. Albans Daffodil Mercena	A. W. Jones and Son	Friesian	8,559	3·72	318·27	Michalmas King
35	Moss Vale Sylvia ..	S. Russell ..	,, ..	7,914	4·02	318·25	Dinkum Patch
36	Midilli of Somerville ..	J. Hutchinson ..	Jersey ..	6,637	4·79	317·73	M.A.T.
37	Dulcie of Colac ..	C. Wade	,, ..	5,863	5·39	316·25	Lassie's Fox of Colac
38	Countess 3rd of Lesterfield	P. Chirnside ..	,, ..	4,839	6·52	315·39	Quality's 6th Son of Melrose
39	Lily of Rosemont ..	T. Mesley ..	,, ..	5,152	6·07	312·77	Carrie's 5th Noble of Melrose
40	Blossom of Belgonia ..	P. J. Maloney ..	,, ..	6,058	5·15	311·77	Hedge of Banyule
41	Chrysanthemum of Springhurst	J. D. Read ..	,, ..	6,330	4·89	309·73	Monash of Springhurst
42	Velveteen 6th of Banyule	C. G. Lyon ..	,, ..	6,124	5·05	309·56	Milkmaid's Chief of Banyule
43	Colina of Methven ..	C. Deverell ..	,, ..	4,830	6·39	308·41	Arcadia's Choice of Tarnpirr
44	Victoria Coronation ..	Department of Agriculture	Red Poll	6,586	4·68	308·39	Vice Regal
45	Rosebud 2nd of Grangelea	A. A. Broad ..	Jersey ..	6,162	4·99	307·51	Golden Twylish
46	Countess of Holly Green	H. L. Webb ..	Ayrshire	6,475	4·71	305·04	Headlight of Holly Green
47	Shadow of Linga Longa	Mrs. I. Beard ..	Jersey ..	5,380	5·65	304·15	Dawn of Warenda
48	Pansy 3rd of Ever Green	H. S. Gibson ..	Ayrshire	6,808	4·46	303·71	Chief of Sparrovale
49	Beauty's Queen of Retreat	W. J. Muhlebach ..	,, ..	6,281	4·80	301·76	Violet's King of Retreat
50	Flowing Vale Flower 4th	Evans Bros. ..	Red Poll	7,217	4·18	301·76	Dinkum Astrologer
51	Countess of Locheden ..	W. J. McKernan ..	Ayrshire	6,929	4·35	301·41	Wylie of Willow Vale
52	Buttercup 15th of Ferntree Vale	Gibson Bros. ..	Jersey ..	5,592	5·38	300·95	Starbright Renard
53	Rose Bloom of Holly Green	H. L. Webb ..	Ayrshire	7,634	3·94	300·77	Maxwell of Gleneira
54	Victoria Joybell ..	Department of Agriculture	Friesian	6,986	4·29	299·71	Victoria Milkman Jo
55	Ada of Woodstock Grange	H. D. W. Canobio ..	Ayrshire	6,782	4·41	299·19	Robin of Wethersdane
56	Silvermine 24th of Banyule	C. G. Lyon ..	Jersey ..	5,040	5·93	298·92	Audrey's Lord Twylish
57	Lady Grey 17th of St. Albans	A. W. Jones and Son	,, ..	5,634	5·28	297·62	Brighton King 8th
58	Springfield Lady 2nd ..	Flack and Sewell ..	Friesian	8,150	3·65	297·13	Rosevale Inka Sylvia Posch
59	Vanilla 15th of Melrose	L. W. Thompson ..	Jersey ..	4,553	6·51	296·28	Golden Fern's Viscount (imp.)
60	Victoria La Patrie ..	Department of Agriculture	Red Poll	7,031	4·15	291·85	Vice Regal
61	Princess of Aberdour ..	Alston Estate ..	Jersey ..	4,956	5·81	291·68	Boquet of Tarnpirr
62	Mercedes Belle of Avalon	F. Austin ..	,, ..	5,918	4·92	291·07	Mercedes Chief of Glen Iris
63	Twylish's Twinkle of Marimba	H. Luxton ..	,, ..	5,499	5·27	289·55	Twylish's Maderia Fox 2nd of Werribee
64	Tecoma of Springhurst	J. D. Read ..	,, ..	5,804	4·96	287·67	Cossock of Springhurst
65	Loriana of Banyule ..	C. G. Lyon ..	,, ..	5,130	5·61	287·58	Milkmaid's Chief of Banyule
66	Silver Wattle of Bellaire	W. H. Atherton ..	,, ..	5,941	4·84	287·31	Prince of Bellaire
67	Mermaid of Ayrbrae ..	McFarlane Bros. ..	Ayrshire	6,192	4·62	286·38	Harmonist of Ellerslie
68	Mignonette of Harcourt	A. A. Broad ..	Jersey ..	5,614	5·11	286·35	Messines of Springhurst
69	Buttercup of Airlie ..	P. J. Ducat ..	,, ..	4,080	7·01	285·95	Rufus of Melrose
70	Maple Leaf	Department of Agriculture	Red Poll	7,442	3·84	285·43	Nicotine
71	Una 2nd of Hillcrest ..	W. Tendeson ..	Jersey ..	5,021	4·79	283·34	Retford Peer
72	Patricia of Ben Kell ..	R. Ralston ..	Ayrshire	6,344	4·45	282·19	Marvel of Willow Vale
73	Westmere Ponteac Magpie	A. W. Jones and Son	Friesian	7,288	3·87	281·70	Woodcrest Pierterje Pontiac
74	Gelderlana A. ..	Department of Agriculture	Red Poll	7,133	3·94	281·07	Nicotine
75	Amy 2nd of Greenwood	K. McGarvie ..	Jersey ..	5,483	5·11	280·17	Collegian of Greenwood
76	Magnet's Lass 7th of Banyule	C. G. Lyon ..	,, ..	5,073	5·50	279·18	Audrey's Lord Twylish

HEIFERS—175 LBS. STANDARD—*continued*,

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
77	Mercedes Buttercup of Avalon	F. Austin ..	Jersey	6,102	4·57	278·58	Mercedes Chief of Glen Iris
78	Knepp Prudence 3rd (imp.)	T. H. Payne ..	Red Poll	6,170	4·51	278·35	Ghurka
79	Stella of Langley Park ..	Callery Bros. ..	Ayrshire	6,248	4·44	277·38	Playaway of Willow Vale
80	Jennie of Lenderderg ..	J. Wills	Friesian	7,580	3·65	276·94	Bolobek Archie
81	Quality of Beverley ..	W. H. Atherton ..	Jersey ..	4,979	5·55	276·38	Rarity's 8th Eclipse of Meadowvale
82	Clara Grey of Greenwood	K. McGarvie ..	„ ..	5,076	5·41	274·50	Foxy Duke of Greenwood
83	Gelderlana B. ..	Department of Agriculture	Red Poll	6,204	4·42	274·36	Nicotine
84	Scotswood Mistress ..	A. H. Schier ..	Ayrshire	6,486	4·23	274·22	Warwick of Sparrovale
85	Dianthus of Springhurst	J. D. Read .	„ ..	4,580	5·98	273·93	Arcadia's Choice of Tarnpirr
86	Gold Flower of Glenwood	W. Tendeson ..	„ ..	5,637	4·86	273·91	Bull-oak of Tarnpirr
87	De Luxe	Evans Bros. ..	Red Poll	6,433	4·25	273·21	Bellum Victor
88	Pearl 12th of Melrose ..	L. W. Thompson ..	Jersey ..	4,753	5·74	272·97	Golden Fern's Viscount (imp.)
89	Bride of Comely Banks	Mrs. D. Stark ..	„ ..	5,054	5·39	272·66	Lotina's Larkspur Twylish
90	Silk Stockings of Lea Hurst	O. Cutler ..	„	4,918	5·54	272·62	Concordes of Warenda
91	Marvis of Ayrbrae ..	McFarlane Bros. ..	Ayrshire	6,419	4·25	272·58	Bruce of Ayrbrae
92	Victoria Beauteus ..	Department of Agriculture	Jersey ..	4,245	6·40	271·88	Mariner of Wyuna
93	Lassie Fowler 10th of Melrose	W. Woodmason ..	„	4,602	5·89	270·94	Golden Fern's Viscount (imp.)
94	Larkspur of Tuerong ..	A. W. Findlay ..	„	5,257	5·14	270·12	Tally Ho Twylish Lad
95	Kyora Anthem 2nd ..	Miss S. L. Robinson	„	5,470	4·93	269·90	Kyora Lotina's Merry Mike
96	Mischief of Evergreen ..	H. S. Gibson ..	Ayrshire	7,103	3·79	269·12	Chief of Sparrovale
97	Scotswood Marigold ..	A. H. Schier ..	„	7,283	3·69	269·03	Warwick of Sparrovale
98	Ada of Roseneath ..	R. Goodman ..	„	5,755	4·67	268·61	Selkirk of Rythdale Park
99	Laura 14th of Melrose ..	W. Woodmason ..	Jersey	4,084	6·62	268·24	Golden Fern's Viscount (imp.)
100	Morven Daphne 15th ..	Kerr Bros. ..	Shorthorn	6,995	3·82	267·36	Morven York Rose 10th
101	Alma of Dudleigh ..	G. Vallence ..	Ayrshire	5,574	4·79	266·94	Lang of Gleneira
102	Melilla	Department of Agriculture	Red Poll	6,681	4·00	266·91	Longford Major (imp.)
103	Dunalister's Mannakin Noble Myrtle	H. Luxton ..	Jersey	4,623	5·77	266·81	Mannakin of Glen Iris
104	Carlyle Lady	J. F. Williams ..	Friesian	8,084	3·30	266·81	Woodcrest Paul Pietertje
105	St. Albans Netherland Lily	R. Ferguson ..	„	7,709	3·45	266·37	Westmere Prince Mercedes
106	Preston Dairy Girl ..	A. A. Broad ..	Jersey	5,339	4·97	265·56	Acacia King
107	Freezia of Jersey Vale ..	Mrs. L. Orchard ..	„	5,107	5·20	265·37	Choice 2nd of Tarnpirr
108	Honeycomb of Medburn Grove	C. Bamford ..	Ayrshire	6,039	4·38	264·41	Macadam of Gowrie Park
109	Needle of Ruhbank 2nd	Miss S. L. Robinson	Jersey	4,562	5·78	263·75	Werribee Wyndott's Fancy
110	Picture of Ben Kell ..	R. Ralston ..	Ayrshire	6,128	4·30	263·47	Marvel of Willow Vale
111	Dunalister Mannakin's Sand Daisy	J. A. Huffer ..	Jersey	4,348	6·03	262·29	Mannakin of Glen Iris
112	Pauline 3rd of Ashby ..	Dickinson Bros. ..	Friesian	7,811	3·32	259·70	Bolobek General
113	Dianthus of Methven ..	C. Deverell ..	Jersey	4,555	5·66	257·64	Arcadia's Choice of Tarnpirr
114	Annie of Colac ..	C. Falkenberg ..	„	4,582	5·62	257·39	Twylish Queen's Fox
115	Corriedale Gala Princess	J. Baker, junr. ..	Red Poll	5,199	4·95	257·34	Victoria Flight Commander
116	Dulcie of Greenwood ..	K. McGarvie ..	Jersey	5,273	4·87	256·97	Golden Hero of Greenwood
117	Jean 2nd of Ashby ..	Dickinson Bros. ..	Friesian	7,558	3·40	256·85	Bolobek General
118	Victoria Oakdale Lassie	Department of Agriculture	„	6,765	3·79	256·60	Dominion Oakdale
119	Princess of Locheden ..	W. J. McKernan ..	Ayrshire	6,739	3·81	256·36	Wylie of Willow Vale
120	Jessie 33rd of Melrose ..	O. G. Handbury ..	Jersey	4,028	6·36	256·07	Golden Fern's Viscount (imp.)
121	Daisy 8th	S. H. Ebery ..	Shorthorn	5,735	4·45	255·43	Signet of Willow Park
122	Lady Grey 18th of St. Albans	P. Purnell ..	Jersey	4,930	5·18	255·37	Brighton King 8th
123	Poppy of Sparrovale ..	Geelong Harbour Trust	Ayrshire	6,195	4·12	255·33	Luminous of Sparrovale
124	Silver Maid of Glenwood	W. Tendeson ..	Jersey	4,635	5·51	255·24	Bull-oak of Tarnpirr
125	Annie Laurie of Sparrovale	Geelong Harbour Trust	Ayrshire	5,982	4·24	254·40	Luminous of Sparrovale
126	Maid of Catheart ..	H. L. Webb ..	„	6,118	4·15	253·94	Lavendo of Glencairn
127	Carlyle Duchesse ..	A. W. Jones and Son	Friesian	6,470	3·92	253·81	Wooderest Duchess Pam
128	Baronia of Locheden ..	W. J. McKernan ..	Ayrshire	6,095	4·15	253·23	Wylie of Willow Vale
129	Morven Cressida 5th ..	Kerr Bros. ..	Shorthorn	6,959	3·64	253·08	Morven Weston Comet
130	Daphne of Quarry Hills	J. G. Lobb ..	Ayrshire	5,900	4·20	252·87	Boaz of Wethersdane
131	Pansy of Ben Kell ..	R. Ralston ..	„	5,937	4·25	252·57	Virtue's Jamie of Ben Kell
132	Lily's Queen of Holly Green	H. L Webb ..	„	5,978	4·21	251·66	Glady's Pride of Wilson House
133	Sulla of Springhurst ..	J. D. Read ..	Jersey	4,969	5·02	249·66	Monash of Springhurst

. HEIFERS—175 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
134	Victoria Velvine ..	Department of Agriculture	Red Poll	5,422	4·39	249·13	Nicotine
135	Swiss of Springburn Park	C. Lees	Ayrshire	5,425	4·58	248·52	Advance of Gleneira
136	Kyora Three Star ..	Miss C. L. Robinson	Jersey	4,755	5·23	248·46	Lotina's Mike
137	Belle of Mona Bank ..	R. Faragher ..	,,	4,663	5·32	248·10	Foxie of Tarnpirr
138	Joy Bell of Ballara ..	F. Trevaskis ..	,,	3,932	6·30	247·62	Arcadia's Choice of Tarnpirr
139	Lady Dorothy of Ben Kell	R. Ralston ..	Ayrshire	5,140	4·81	247·36	Ruff of Oakbank
140	Scotswood Netty ..	A. H. Schier ..	,,	5,559	4·44	246·59	Warwick of Sparrovale
141	Gaiety Girl 12th of Melrose	L. W. Thompson ..	Jersey	4,166	5·91	246·09	Golden Fern's Viscount (imp.)
142	Queenie of Riversdale ..	Fixter and Son ..	,,	4,377	5·61	245·65	Tiny Tim of Kelburn
143	Daisy 3rd of Somerset ..	A. E. Batson ..	,,	4,449	5·49	244·28	Lord Silvermine 8th of Banyule
144	Gertrude of Ayrbrae ..	McFarlane Bros. ..	Ayrshire	5,033	4·82	242·56	Harmonist of Ellerslie
145	Daisy of Paradise ..	A. L. N. Walter ..	Jersey	4,684	5·16	241·86	Wayback of Melrose
146	Heather of Springhurst	J. D. Read ..	,,	4,026	6·00	241·82	Arcadia's Choice of Tarnpirr
147	Leura of Greenwood ..	K. McGarvie ..	,,	4,283	5·64	241·76	Foxy Duke of Greenwood
148	Coral 4th of Carracoorte	W Henderson ..	Ayrshire	5,549	4·36	241·73	Lord Dudley of Gowrie Park
149	Eclipse's Vixen of Meadow Vale	J. Cook	Jersey	4,149	5·82	241·61	Rarity 8th's Eclipse of Meadow Vale
150	Daisy of Ballara ..	F. Trevaskis ..	,,	4,353	5·54	241·34	Hedge of Banyule
151	Mildred of Greenwood ..	K. McGarvie ..	,,	5,358	4·50	240·96	Golden Hero of Greenwood
152	Rosemary of Greenwood	K. McGarvie ..	,,	4,791	5·03	240·82	Foxy Duke of Greenwood
153	Beauty 3rd of Quarry Hills	J. G. Lobb ..	Ayrshire	6,260	3·84	240·65	Boaz of Wethersdane
154	Rosary of Gowrie Park..	G. Gange.. ..	,,	5,746	4·18	240·42	Brae Boy of Gowrie Park
155	Graceful Duchess 25th of Melrose	W. Woodmason ..	Jersey	4,420	5·43	240·15	Golden Fern's Viscount (imp.)
156	Fuchsia 17th of Melrose	W. Woodmason ..	,,	4,032	5·95	239·89	Golden Fern's Viscount (imp.)
157	Daffodil of Greenvale ..	J. Plattfuss ..	Friesian	6,060	3·94	238·98	Victoria Rose Patch
158	Jenny Lind of Rosemont	R. H. Maher ..	Jersey	4,537	5·26	238·57	Cobber of Banyule
159	Violetta	Evans Bros. ..	Red Poll	4,518	5·28	238·50	Bellum Victor
160	Princess of Banyule ..	C. G. Lyon ..	Jersey	4,848	4·92	238·42	Milkmaid's Chief of Banyule
161	Flower of Paradise ..	A. L. N. Walter ..	,,	4,086	5·83	238·10	Primrose's Son of Melrose
162	Monkshood of Springhurst	J. D. Read ..	,,	5,209	4·57	238·09	Arcadia's Choice of Tarnpirr
163	Morven Queenie 16th ..	Kerr Bros. ..	Shorthorn	6,665	3·57	237·75	Morven Weston Comet
164	Lassie of Strathbow ..	O. G. Handbury ..	Jersey	4,666	5·09	237·43	Golden Mac of Strathbow
165	Fuchsia 2nd of St. Albans	R. Vict	,,	4,485	5·29	237·03	Brighton King 8th
166	Maisie 3rd of Burnside ..	J. G. Lobb ..	Ayrshire	5,467	4·33	236·46	Provider of Willow Vale
167	Tilly of Hyde Park ..	Telford Estate ..	,,	4,807	4·90	235·48	Elsdon of Willow Vale
168	Clover of Mona Bank ..	R. Faragher ..	Jersey	4,175	5·64	235·44	Foxie of Tarnpirr
169	Twylish Record of Kirkhill	D. C. Miller ..	,,	5,071	4·64	235·39	Linda's Record 6th of Kings Vale
170	Morven Lizzie 15th ..	Kerr Bros. ..	Shorthorn	5,430	4·52	235·28	Morven Weston Comet
171	Pearl Beauty of Medburn Grove	C. Bamford ..	Ayrshire	5,613	4·19	235·20	Macadam of Gowrie Park
172	Tot of Greenvale ..	J. Plattfuss ..	Friesian	5,469	4·27	233·59	Victoria Rose Patch
173	Rosebud of Taranah ..	C. W. Macauley ..	Jersey	4,092	5·71	233·51	Lily 6th's Son of Melrose
174	Queen Mary of Ayrbrae	McFarlane Bros. ..	Ayrshire	5,825	4·01	233·40	Advance of Gleneira
175	Lucy 5th of Kings Vale	J. Anderson, junr.	Jersey	3,323	7·01	233·10	Jessamia's Imperial 5th of Kings Vale
176	Postcard of Paradise ..	A. L. N. Walter ..	,,	3,422	6·79	232·38	Big Chief of Glen Iris
177	Daisy of Linga Longa ..	Mrs. I. Beard ..	,,	4,301	5·40	232·16	Arcadia's Choice of Tarnpirr
178	Cherry Pie 2nd ..	Evans Bros. ..	Red Poll	6,160	3·76	231·81	Dinkum Astrologer
179	Favourite of Hyde Park	Telford Estate ..	Ayrshire	4,903	4·73	231·70	Elsdon of Willow Vale
180	Laura of Rosemont ..	R. H. Maher ..	Jersey	4,006	5·78	231·54	Cobber of Banyule
181	Floss of Roseneath ..	R. Goodman ..	Ayrshire	4,939	4·68	231·50	Fantarie of Willow Vale
182	St. Albans Dairy Queen	A. W. Jones and Son	Friesian	7,562	3·05	230·85	Burdetts Prince
183	Tiny of Beverley ..	W. H. Atherton ..	Jersey	3,655	6·31	230·71	Rarity 8th's Eclipse of Meadow Vale
184	Wattle Blosson of Leathorne	Gibson Bros. ..	,,	3,830	6·00	229·99	Annett's Chief 2nd of Linden
185	Noorat Cherry Plum ..	Mrs. A. Black ..	,,	3,850	5·96	229·37	Milk Laddie
186	Dot of Greenvale ..	J. Plattfuss ..	Friesian	5,927	3·87	229·18	Victoria Rose Patch
187	Gem of Burnside ..	R. Goodman ..	Ayrshire	5,009	4·57	229·14	Provider of Willow Vale
188	Scotswood Birdie ..	A. H. Schier ..	,,	4,751	4·82	228·87	Roderick of Inverleigh
189	Dominion Jessie of Oakview 2nd	O. J. Syme ..	Friesian	6,409	3·57	228·87	Dominion Domino's Dutch Lad
190	Pearl of Woodbyrne ..	J. Benallack ..	Ayrshire	5,011	4·57	228·86	Merry Boy of Woodbyrne
191	Scotswood Jeanette ..	A. H. Schier ..	,,	5,261	4·35	228·79	Magnet of Inverleigh
192	Princess Jessamine of Grand Pre	S. H. Ebery ..	Shorthorn	5,616	4·07	228·76	Poplar Vale Prince 66th
193	Morven Nellie 10th ..	Kerr Bros ..	,,	5,758	3·97	228·74	Morven Weston Comet

HEIFERS—175 LBS. STANDARD.—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
194	Marcia of Holly Green	J. G. Lobb ..	Ayrshire	5,452	4·16	227·85	Glady's Pride of Wilson House
195	Fern's Duchess of Glen Iris	C. D. Lloyd ..	Jersey	4,161	5·46	227·36	Perree's Duke (imp.)
196	Rosebud 2nd of Hillview	Mrs. C. O'Donoghue	Ayrshire	5,274	4·29	226·22	Pioneer of Retreat
197	Silverfinch of Banyule	A. Joshua ..	Jersey	3,977	5·68	225·91	Moleskin Chief of Banyule
198	Bowbells of Wethersdane	H. D. W. Canobio ..	Ayrshire	5,190	4·32	224·09	His Majesty of Wethersdane
199	Lobelia 2nd of Retreat	W. J. Muhlebach ..	,,	4,986	4·49	223·53	Commonwealth of Retreat
200	Scotswood Lotina ..	A. H. Schier ..	,,	5,548	4·00	221·88	Warwick of Sparrovale
201	Peerless of Paradise ..	A. L. N. Walter ..	Jersey	4,487	4·90	220·96	Wayback of Melrose
202	St. Albans Witch ..	H. Allez	Friesian	6,541	3·36	220·22	Michaelmas King
203	Pansy of Roseleigh ..	N. Gange ..	Ayrshire	4,878	4·51	220·14	Renown of Roseleigh
204	Pearl's Gem of Kirkhill	D. C. Miller ..	Jersey	4,303	5·11	219·70	Linda's Record 6th of Kings Vale
205	Duchess 2nd of Willow Park	W. K. Atkinson ..	Shorthorn	5,660	3·88	219·70	Stratagem
206	Duchess 2nd of Evergreen	H. S. Gibson ..	Ayrshire	5,461	4·02	219·59	Luminous of Drayton
207	Myra 2nd of the Valley	Mrs. E. M. Lennie ..	Jersey	4,234	5·17	218·83	Banjo of Warenda
208	Kyora Needle 3rd ..	Miss C. L. Robinson	,,	3,292	6·62	217·80	Brown Duke of Glen Iris
209	Music of Greenwood ..	K. McGarvie ..	,,	4,756	4·57	217·50	Collegian of Greenwood
210	Milkmaid 3rd of Banyule	C. G. Lyon ..	,,	4,691	4·63	217·24	Moleskin Chief of Banyule
211	Victoria Rose Major ..	Department of Agriculture	Red Poll	5,482	3·91	215·74	Longford Major (imp.)
212	Modesty of Springburn Park	C. Lees	Ayrshire	6,034	3·57	215·18	Pompey of Gleneira
213	Wyreema	Warragul High School	Red Poll	4,986	4·32	215·16	Longford Major (imp.)
214	Noorat Starling ..	Mrs. A. Black ..	Jersey	3,749	5·74	215·11	Milk Laddie
215	Beryl of Sparrovale ..	Geelong Harbour Trust	Ayrshire	5,007	4·29	214·80	Laird of Sparrovale
216	Rye Gold Duchess of Glen Iris	C. D. Lloyd ..	Jersey	3,604	5·96	214·69	Perree's Duke (imp.)
217	Polygold of Springhurst	J. D. Read ..	,,	3,773	5·69	214·64	Arcadia's Choice of Tarnpirr
218	Sweet Ginger of Glen Iris	C. D. Lloyd ..	,,	3,536	6·07	214·52	Sweet Bread's Duke of Glen Iris
219	Linda 2nd of the Valley	Mrs. E. M. Lennie	,,	3,667	5·85	214·44	Banjo of Warenda
220	Primrose of Springburn Park	C. Lees	Ayrshire	4,316	4·96	213·88	Pompey of Gleneira
221	Scotswood Sylvia ..	A. H. Schier ..	,,	5,072	4·19	212·75	Warwick of Sparrovale
222	Morven Rose 13th ..	Kerr Bros. ..	Shorthorn	5,544	3·82	211·51	Morven Weston Comet
223	Bud of Woolamai Park	G. Kent	Ayrshire	4,582	4·61	211·41	Montrose of Ayrshire Bank
224	Waratah of Sparrovale	Geelong Harbour Trust	,,	4,347	4·86	211·22	Laird of Sparrovale
225	Lizzie of Hill View ..	Mrs. C. O'Donoghue	,,	5,557	3·80	211·36	Majestic of Drayton
226	War Queen	Department of Agriculture	Red Poll	5,163	4·09	211·00	Belligerent (imp.)
227	Topflight	Department of Agriculture	,,	4,209	5·00	210·38	Highflyer
228	Scotswood Question ..	A. H. Schier ..	Ayrshire	4,649	4·52	209·97	Bell Boy of Oakbank
229	Shiela of Sparrovale ..	Geelong Harbour Trust	,,	4,516	4·64	209·74	Scottish King of Gowrie Park
230	Fox's Bluebell of Staghorn	F. Bidgood ..	Jersey	3,847	5·45	209·71	Daisy Fox 2nd
231	Pansy Queen of Retreat	W. J. Muhlebach ..	Ayrshire	3,923	5·33	209·16	Violet's King of Retreat
232	Holly of Hill View ..	Mrs. C. O'Donoghue	,,	4,704	4·44	209·13	Pioneer of Retreat
233	Gertrude of Carracoorte	W. Henderson ..	,,	4,265	4·52	208·97	Lord Dudley of Gowrie Park
234	Dorrie 2nd of Evergreen	H. S. Gibson ..	,,	5,106	4·08	208·58	Chief of Sparrovale
235	Daphne 2nd of Somerset	A. E. Batson ..	Jersey	3,459	5·99	207·24	Lord Silvermine 8th of Banyule
236	Prue 4th of Carracoorte	W. Henderson ..	Ayrshire	4,514	4·61	206·22	Problem of Willow Vale
237	Bonnie Lassie of Belgonia	P. J. Maloney ..	Jersey	3,241	6·29	203·91	Hedge of Banyule
238	Jubilee Wallflower ..	Miss B. Reid ..	,,	3,898	5·22	203·36	Milkmaid's Chief of Banyule
239	Marjorie of Hill View ..	Mrs. C. O'Donoghue	Ayrshire	4,914	4·13	203·13	Brilliant Boy of Golden Vein
240	Queenie 4th of Willow Park	W. K. Atkinson ..	Shorthorn	4,945	4·10	202·98	Stratagem
241	Star of Langley Park ..	Callery Bros. ..	Ayrshire	4,895	4·15	201·81	Playaway of Willow Vale
242	Myrtle of Woolamai Park	G. Kent	,,	4,418	4·55	201·12	Bonnie Boy of Woolamai Park
243	Dulcie 2nd of Evergreen	H. S. Gibson ..	,,	5,021	4·00	200·85	Chief of Sparrovale
244	Mavis of Woodbyrne ..	J. Benallack ..	,,	5,141	3·91	200·85	Pride of Warradale
245	Victoria Veloutine ..	Department of Agriculture	Red Poll	5,623	3·51	200·69	Nicotine
246	Gipps Wendy ..	Warragul High School	,,	4,980	4·01	199·93	Warragul
247	Pearline 2nd of Retreat	W. J. Muhlebach ..	Ayrshire	4,471	4·47	199·86	Commonwealth of Retreat
248	Moss Vale Sweet Nell ..	S. Russell ..	Friesian	5,222	3·82	199·42	Tarrawarra 35

HEIFERS—175 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
249	Molly of Kirkhill ..	D. C. Miller ..	Jersey	4,391	4·53	198·96	Linda's Record 6th of Kings Vale
250	My Hope of Lynuilg ..	E. A. Dennis ..	,,	4,011	4·96	198·74	Eminent of Tarnpirr
251	Dolly of Greenvale ..	J. Plattfuss ..	Friesian	5,002	3·97	198·43	Victoria Rose Patch
252	Hilton Peri	Flack and Sewell ..	,,	5,932	3·34	198·36	Lincoln Friar
253	Ruby of Gaulte Bank	C. Lees	Ayrshire	4,792	4·14	198·32	Cornella of Ellerslie
254	Garland of Carracoorte..	W. Henderson ..	,,	4,286	4·63	198·28	Lord Dudley of Gowrie Park
255	Bright Jewell of Mona Bank	R. Faragher ..	Jersey	3,757	5·25	197·31	Foxie of Tarnpirr
256	Choice's Peach of Riverleigh	D. C. Miller ..	,,	3,416	5·77	197·16	Lord Grey
257	Blanche of Lowlands ..	Mrs. C. O'Donoghue	Ayrshire	4,496	4·38	197·06	Comella of Ellerslie
258	Daisy of Grangelea ..	A. A. Broad ..	Jersey	3,352	5·88	196·97	New Alliance of Jerseyholm
259	Daisy 2nd of Somerset ..	A. E. Batson ..	,,	2,930	6·70	196·50	Lord Silvermine 8th of Banyule
260	Bumper 2nd of Greenwood	K. McGarvie ..	,,	3,700	5,29	195·73	Emulator of Greenwood
261	Star of Hillcrest ..	R. H. Maher ..	,,	4,654	4·25	195·70	The Admiral of Hillcrest
262	Daphne of Glencourt ..	H. J. Munro ..	Ayrshire	4,200	4·63	194·46	Lennox of Dunachton
263	Coral 5th of Carracoorte	W. Henderson ..	,,	4,317	4·44	193·99	Lord Dudley of Gowrie Park
264	Souvenir of Ballara ..	F. Trevaskis ..	Jersey	3,361	5·76	193·75	Battleship of Esparanza
265	Starbright of Ruhbank..	Miss S. L. Robinson	,,	3,631	5·28	191·82	Kyora May's Mike
266	Princess of Kirkhill ..	D. C. Miller ..	,,	3,774	5·06	190·85	Claribelle's Noble 2nd of Roseneath
267	Pansy of Staghorn ..	F. Bidgood ..	,,	3,310	5·73	189·50	Madeira's King of Staghorn
268	Gracie of Netherbrae ..	C. L. Rigby ..	Ayrshire	5,293	3·57	189·03	Hilda's Earl of Gleneira
269	Scotswood Daphne Brown	A. H. Schier ..	,,	4,493	4·20	188·84	Warwick of Sparrovale
270	Needle of Ruhbank ..	Miss S. L. Robinson	Jersey	3,075	6·13	188·59	Brown Duke of Glen Iris
271	Bud of Linga Longa ..	Mrs. I. Beard ..	,,	3,626	5·19	188·30	Dawn of Warenda
272	Rosebud of Paradise ..	A. L. N. Walter ..	,,	3,174	5·91	187·73	Big Chief of Glen Iris
273	Expectation of Springburn Park	C. Lees	Ayrshire	4,411	4·26	187·71	Pompey of Gleneira
274	Burnbank Inka Sylvia Walulu	Flack and Sewell ..	Friesian	5,273	3·56	187·55	Rosevale Inka Burkeyje
275	Sultan's Daisy of Grand Pre	S. H. Ebery ..	Shorthorn	4,756	3·94	187·32	Sultan of Avondale
276	St. Albans Cordyline Hazel	Flack and Sewell ..	Friesian	5,030	3·51	186·73	Cordyline Commander
277	Gertie of Ben Kell ..	W. J. Muhlebach ..	Ayrshire	4,402	4·24	186·72	Marvel of Willow Vale
278	Saucy	C. Lees	,,	4,185	4·45	186·14	Provider of Willow Vale
279	Mischief of Linden ..	F. W. Beischer ..	Jersey	2,815	6·60	185·73	The Chief of Linden
280	Karong Belle 3rd ..	J. Baker ..	Red Poll	4,317	4·28	184·80	Uncle Sam
281	Mowbray of Springburn Park	C. Lees	Ayrshire	4,761	3·88	184·63	Pompey of Gleneira
282	Daisy of Woolamai Park	G. Kent	,,	4,117	4·47	184·06	Montrose of Ayrshire Bank
283	Halecote Kat Patch ..	A. G. Tedcastle ..	Friesian	5,785	3·17	183·60	Longbeach Big Patch
284	Kyora Anthem ..	Miss S. L. Robinson	Jersey ..	3,460	5·28	182·66	Brown Duke of Glen Iris
285	Princess 2nd of Springhurst	J. D. Read ..	,,	3,096	5·88	182·19	Monash of Springhurst
286	Scotswood Mayflower ..	A. H. Schier ..	Ayrshire	4,500	4·03	181·55	Justice of Inverleigh
287	Crissie of Evergreen ..	H. S. Gibson ..	,,	4,605	3·94	181·51	Chief of Sparrovale
288	Nightingale of Sparrovale	Geelong Harbor Trust	,,	3,781	4·79	181·12	Scottish Chief of Sparrovale
289	Lucy 3rd of Carracoorte	W. Henderson ..	,,	3,740	4·84	181·03	Lord Dudley of Gowrie Park
290	Petunia of Ben Kell ..	R. Ralston ..	,,	4,452	4·05	180·45	Rough of Oakbank
291	Lola of Carracoorte ..	W. Henderson ..	,,	4,120	4·38	180·45	Lord Dudley of Gowrie Park
292	Marjory of Woolamai Park	G. Kent	,,	4,069	4·43	180·38	Luminous of Woolamai Park
293	Princess of Omakau Vale	R. C. Clymo ..	,,	3,886	4·64	180·29	Glencoe of Gleneira
294	Fox's Clementine 3rd of Staghorn	F. Bidgood ..	Jersey ..	3,335	5·40	180·17	Daisy Fox 2nd
295	Sweet Pansy's Poppy of Welbourne	G. Rowe ..	,,	3,184	5·65	179·77	Beauty's Prince of Somerville
296	Gertie 7th of Carracoorte	W. Henderson ..	Ayrshire	3,637	4·95	179·71	Lord Dudley of Gowrie Park
297	Daffodil's Dolly of Welbourne	G. Rowe	Jersey	3,748	4·79	179·59	Beauty's Prince of Somerville
298	Madge of Latrobe ..	Sale High School ..	Ayrshire	4,468	4·01	179·22	Digger of Warrook
299	Primrose of Swansea ..	E. A. Dennis ..	Jersey ..	3,165	5·63	178·20	Pearl's Twylish
300	Nancy of Sparrovale ..	Geelong Harbor Trust	Ayrshire	3,761	4·69	176·28	The Laird of Sparrovale
301	Scotswood Extra Quality	A. H. Schier ..	,,	3,609	4·84	174·63	Gay Duke of Gleneira
302	Bell of Boorene ..	S. Earle	Jersey ..	3,310	5·27	174·45	Noble Direct of Boorene
303	Joan of Springburn Park	C. Lees	Ayrshire	3,945	4·42	174·37	Pompey of Gleneira
304	Oatlands Pretty Polly ..	J. Thorburn ..	,,	3,962	4·40	174·23	Captain of Medburn Grove
305	Rosebud of Jersey Vale	P. J. Ducat ..	Jersey ..	3,368	5·11	174·06	Choice 2nd of Tarnpirr
306	Oatlands Primrose ..	J. Thorburn ..	Ayrshire	3,993	4·36	173·97	Captain of Medburn Grove
307	Countess of Hillcrest ..	M. and W. A. Francis	,,	3,709	4·69	173·95	Victor of Warrook
308	Halecote Fray Patch ..	A. G. Tedcastle ..	Friesian	5,111	3·40	173·57	Victoria Joe Patch

HEIFERS—175 LBS. STANDARD—*continued.*

Order of Merit.	Name.	Owner.	Breed.	Milk.	Average Test.	Butter Fat.	Sire.
				lbs.		lbs.	
309	Laura 5th of Carracoorte	W. Henderson ..	Ayrshire	3,923	4·39	172·20	Victor 2nd of Carracoorte
310	Aphrodite of Woongara	W. Meredith ..	,,	3,555	4·84	172·08	Aristocrat of Woongarra
311	Rosebloom 7th of Carracoorte	W. Henderson ..	,,	3,467	4·96	171·42	Problem of Willow Vale
312	Winnie of Welbourne ..	G. Rowe ..	Jersey ..	3,233	5·28	170·76	Beauty's Prince of Somerville
313	King's Clementine of Staghorn	F Bidgood ..	,, ..	3,098	5·44	168·57	Werribee's Fancy Butter King
314	Levderderg Lass ..	J. Wills	Friesian	5,635	2·99	168·56	Rosevale Ideal Keys
315	Scotswood Sweet Marie	A. H. Schier ..	Ayrshire	4,177	4·03	168·23	Majesty of Fernhill
316	Burrbank Springfield Inka Lass	Flack and Sewell ..	Friesian	5,234	3·21	167·80	Springfield Inka
317	Gladsome of La Trobe ..	Sale High School ..	Ayrshire	4,083	4·09	166·97	Garry of Springfield
318	Esther of Raith ..	C. G. Newton ..	,,	4,163	3·97	165·46	Darnley of Raith
319	Oatlands Janet ..	J. Thorburn ..	,,	4,069	4·02	163·74	Captain of Medburn Grove
320	Rosebud of Hillcrest ..	M. and W. A. Francis	,,	3,594	4·54	163·07	Laddie of Hillcrest
321	Dahlia 2nd of Carracoorte	W. Henderson ..	,,	3,748	4·30	161·39	Victor 2nd of Carracoorte
322	Dunalister Mannikin's Marie	D. C. Miller ..	Jersey ..	2,959	5·42	160·02	Mannikin of Glen Iris
323	Winlaton Jean de Kol ..	Flack and Sewell ..	Friesian	4,645	3·41	158·56	Rock's Dazzler of Brundee
324	Scotswood Music ..	A. H. Schier ..	Ayrshire	3,764	4·19	157·56	Warwick of Sparrovale
325	Morven Oxford Summerton 4th	Kerr Bros. ..	Shorthorn	4,330	3·57	154·44	Morven Western Comet
326	Fennella 5th of Carracoorte	W. Henderson ..	Ayrshire	3,498	4·38	153·23	Victor 2nd of Carracoorte
327	Oatlands Pretty Pet ..	J. Thorburn ..	,,	3,470	4·39	152·48	Captain of Medburn Grove
328	Scotswood Gaiety ..	A. H. Schier ..	,,	4,028	3·75	150·83	Vernon of Gleneira
329	Lillian 3rd of Carracoorte	W. Henderson ..	,,	4,325	3·45	149·40	Heather Jock of Invergordon
330	Joan 2nd ..	J. Wills	Friesian	4,646	3·21	149·07	May Prince of St. Albans
331	Sparkle 4th of Carracoorte	W. Henderson ..	,,	3,376	4·29	144·90	Victor 2nd of Carracoorte
332	Thelma 5th of Carracoorte	W. Henderson ..	,,	3,137	4·60	144·29	Victor 2nd of Carracoorte
333	Dunalister's Perrees Primrose 2nd	D. C. Miller ..	Jersey ..	2,602	5·50	143·18	Mannakin of Glen Iris
334	Queenie 2nd of Spring Vale	R. C. Campbell ..	,, ..	2,592	5·45	141·17	Sweet Fox of Spring Vale
335	Prue 3rd of Carracoorte	W. Henderson ..	Ayrshire	2,704	5·22	141·09	Victor 2nd of Carracoorte
336	Star of Colac ..	C. Falkenberg ..	Jersey ..	2,971	4·75	141·02	Twylish Queen's Fox
337	Oatlands Viola ..	J. Thorburn ..	Ayrshire	3,002	4·66	139·90	Captain of Medburn Grove
338	Rosebloom 5th of Narracoorte	W. Henderson ..	Jersey	2,906	4·73	137·47	Heather Jock of Invergordon
339	Flowing Vale Merval ..	Evans Bros. ..	Red Poll	2,907	4·73	137·44	Dinkum Astrologer
340	Scotswood Madam ..	A. H. Schier ..	Ayrshire	3,068	4·46	136·98	Justice of Inverleigh
341	Marguerite of Mt. Hope	M. Galbraith ..	,,	3,602	3·80	136·91	Stella's Prince of Gowrie Park
342	Isis of Errula ..	Mrs. F. M. Akehurst	Jersey ..	2,531	5·40	136·57	Glenrennard
343	Jessie's Primrose of Welbourne	G. Rowe	,, ..	3,462	3·86	133·65	Ruby's Boy
344	Queen of Colac ..	C. Falkenberg ..	,, ..	2,903	4·59	133·26	Twylish Queen's Fox
345	Floss 7th of Carracoorte	W. Henderson ..	Ayrshire	3,002	4·40	131·87	Victor 2nd of Carracoorte
346	Springfield Hengerveld Posch	Flack and Sewell ..	Friesian	3,403	3·78	128·65	Rosevale Inka Sylvia Posch
347	Berry 2nd of Carracoorte	W. Henderson ..	Ayrshire	3,165	4·06	128·30	Problem of Willow Vale
348	Vera of Warrook ..	Cockbill and Gibbs	,,	3,076	4·12	126·81	Optimist of Oakbank
349	Filpail 6th of Carracoorte	W. Henderson ..	,,	2,837	4·23	119·89	Victor 2nd of Carracoorte
350	Helena 2nd of Carracoorte	W. Henderson ..	,,	2,665	4·38	116·69	Problem of Willow Vale
351	Woodburn Gratis 2nd ..	T. H. Payne ..	Red Poll	2,250	5·17	116·35	Astronomy
352	Lily of Burnside ..	Cockbill and Gibbs	Ayrshire	2,864	4·06	116·11	Malt King of Prospect Farm
353	Betsy 9th of Carracoorte	W. Henderson ..	,,	2,329	4·73	110·27	Problem of Willow Vale
354	Perfect of Wethersdane	Cockbill and Gibbs	,,	2,950	3·73	110·08	His Majesty of Wethersdane
355	Filpail 7th of Carracoorte	W. Henderson ..	,,	2,584	4·16	107·71	Lord Dudley of Gowrie Park
356	Hazeline of Burnside ..	Cockbill and Gibbs	,,	2,370	4·36	103·38	Provider of Willow Vale
357	Dairy Maid of Welbourne	G. Rowe ..	Jersey ..	2,172	4·58	99·50	War Chief of Glen Iris
358	Rosebloom 6th of Carracoorte	W. Henderson ..	Ayrshire	2,487	4·00	99·44	Problem of Willow Vale
359	Emily of La Trobe ..	Sale High School ..	,,	2,466	3·85	94·87	Garry of Springfield
360	Florette of Warrook ..	Cockbill and Gibbs	,,	2,128	4·44	94·45	Optimist of Oakbank
361	Gertie 5th of Carracoorte	W. Henderson ..	,,	1,642	5·20	90·61	Victor 2nd of Carracoorte
362	Valetta of Warrook ..	Cockbill and Gibbs	,,	2,277	3·98	90·47	Triumph of Warrook
363	Lady Mac of Carracoorte	W. Henderson ..	,,	1,967	4·12	81·07	Problem of Willow Vale
364	Sweet Briar of Carracoorte	W. Henderson ..	,,	1,440	5·60	73·96	Problem of Willow Vale
365	Dahlia 3rd of Carracoorte	W. Henderson ..	,,	1,804	4·05	73·21	Problem of Willow Vale
366	Irlanda	Mrs. M. E. Carroll	Red Poll	1,732	4·14	71·65	Magic Major
367	Violet 3rd of Carracoorte	W. Henderson ..	Ayrshire	1,581	4·41	69·77	Problem of Willow Vale
368	Tatters of Warrook ..	Cockbill and Gibbs	,,	1,551	3·89	60·38	Optimist of Oakbank
369	Woodburn Dot ..	J. T. O'Loughlin ..	Red Poll	1,297	4·31	55·97	Astronomy
370	Nellcena of La Trobe ..	Sale High School ..	Ayrshire	1,384	3·96	54·99	Garry of Springfield

EXPEDITIOUS GRADING OF POTATOES.

J. T. Ramsay, Potato Expert.

The accompanying photographic illustrations show the type of grading riddles extensively used in grading potatoes for market and seed in the old country. A number of growers in Victoria are using them, and have found them of great advantage in expediting the work of sorting from the pit or heap. When this work is done entirely by hand it is a most tedious process—necessitating the handling of each tuber—large, medium, and small.

As will be seen in figure 1, two riddles at least are used at the same time. The riddle of large diameter (32 inches) has a mesh of $\frac{3}{4}$ inch,

Fig. 1.

which permits only the soil to pass through. This riddle is propped on a barrel (preferably one with the bottom knocked out of it) or other convenient rest, such as the seed-potato boxes shown. Above the large-diameter riddle, one of smaller diameter (26 inches) is operated. The mesh of this is anything from $1\frac{1}{4}$ inches to 2 inches, according to the grade required. If three grades are required, then three riddles are operated at one time, by which means market size, seed, and chats may be separated with expedition at one operation. This illustration shows the grading of a parcel containing only market and seed sizes. The market size tubers are caught on the top riddle, and delivered from there into the bag direct. The smaller mesh riddle underneath catches the seed, and when this contains enough it is lightly shaken to shake the dirt through, and the seed is then delivered straight into the seed potato boxes, which are placed in a convenient position. Shovelling from the heap is done with a special wire shovel, shewn in figure 2. A shovel of this type can be operated on the uneven bottom of a pit

or on a wooden floor, with little risk of damage to the potatoes. This method is infinitely quicker than hand picking. When the tubers are spread on the riddle from the shovel, the operator is able to see at a glance any that are diseased or otherwise defective, and these may then be removed. A light shake of the riddle causes everything under the size of the mesh to pass on to the under sieve, the balance remaining on top being immediately ready for bagging or boxing.

Fig. 2.

It is advisable to have a range of these riddles from 1¼-inch mesh rising by ¼-inch gradations to, say, 2 inches, in order that the grower may have the choice sizes to suit the grades intended to be made. No definite size of mesh to be used can be given, as the different varieties, on account of their varying shapes, require different-sized meshes.

One feature of these riddles is that they are inexpensive, and with ordinary care will give many years of service.

GOVERNMENT COOL STORES.

New Packing Installed.

An automatic metallic stuffing-box packing—a combination of cast iron and white metal—has been designed by Mr. J. Hepburn, chief engineer at the Government Cool Stores. This packing has been installed in the compressors at the stores, and is giving good results. The friction on the rods has been decreased, and the driving power required has been reduced five per cent. In addition, its use has prevented the introduction of fibre and foreign matter into the compressor and refrigerant, which has made for higher efficiency, and at the same time less obstruction to the working of the plant.

BETTER FARMING TRAIN TO GIPPSLAND IN OCTOBER.

At last the man on the land is to be given the opportunity of discussing with experts—almost at his door—matters which interest him deeply in his own particular line of work.

This will be the first occasion on which a demonstration train has travelled on any line in Australia. Such a train is now being fitted up by the Railways Commissioners for the Department of Agriculture. Consultations have been held between officers of these departments, and the result will be a most interesting and valuable exhibit. This Better Farming Train will be composed of twelve trucks and carriages containing exhibits of live stock, selected farm produce, dairy fittings and appliances, fodders, and fertilizers, plans of farm buildings, and many other items essential to a comprehensive agricultural display. Experts are busy fitting this train and making it attractive as well as highly instructive. It will interest the farmer's wife and his growing family equally as much as it will the farmer himself. It will first travel the dairying districts of the State, and then with some alterations in the exhibits it will also visit the wheat, and sheep farming and fruit-growing centres. At each stop experts will give concise and readily understandable information on all farming matters. They will be on the train specially for this purpose. By this means it is hoped to assist farmers to make their work in the various branches of agriculture much more profitable. To every one on the land this *Better Farming Train* should prove a most valuable innovation.

With the Better Farming Train there will also be a carriage specially fitted up for instruction in domestic affairs—a real practical housewives' section. Expert instructors will be in attendance to advise farmers' wives and daughters in many lines of household work.

In the past some of these same demonstrations have been given occasionally at agricultural shows, but there they have reached too few people. At the ordinary show the time which the farmer and his wife have at their disposal is much too short to see everything, particularly if they are exhibitors in any section. And the most go-ahead families are nearly always exhibitors. It is they who make the local show.

However, here on this demonstration train there will be little crowding, and the whole time of these who come to see the exhibits will be given thereto. The demonstrations and lectures will take place at set hours during the day or evening. Every one interested in any particular section will be able to devote his or her time solely to that if they so desire, or they may examine the whole of the exhibits in due course. To the farmer and his wife, and his boys and girls, the Better Farming Train will prove the most interesting and instructive demonstration that has yet reached that particular district. It is expected to start out in October, and all stationmasters will have full information as to when and where it will call, and how long it will stay. *Don't Miss the Better Farming Train.*

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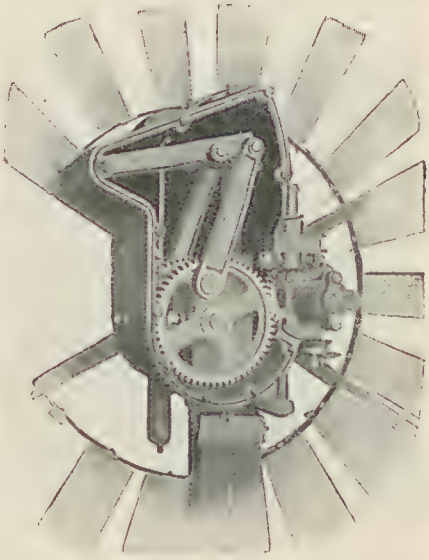

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Dark Bay Colt, rising 2 years—big, weighty, active colt (full of quality).

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Bay Colt, rising 2 years—thick, short legged, weighty colt.

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Bay Colt, rising 2 years—well developed weighty colt.

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Inspection of Sire and Dams Invited.

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Sire of Dam: **Oak de Kol 2nd Homestead Fobes** (imp. to N.Z. from America) (341 N.Z.F.H.B.).

Dam's Record for 273 days under Government Herd Test—
11,512 lb. Milk, 4·08 Test, 479 lb. Butter Fat.

For Full Lactation Period—
13,898 lb. Milk, 4·24 Test, 589 lb. Butter Fat.

(2) Bull Calf *ex* Victoria Oakdale Lassie (996)

Dropped 24th September, 1923

Sire: **Victoria Jo Patch (345)** by Longbeach Big Patch (515 N.Z.F.H.B.), *ex* Dominion Madrigal (371).

Sire of Dam: **Dominion Oakdale (342)** by Oak de Kol 2nd Homestead Fobes.

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(3) Bull Calf *ex* Dominion Woodnymph (988)

Dropped November, 1923

Sire: **Victoria Jo Patch (345)** by Longbeach Big Patch (515 N.Z.F.H.B.), *ex* Dominion Madrigal (371).

Sire of Dam: **Woodcrest Jo** (imp. to N.Z. from America) (334 N.Z.F.H.B.).

Dam's Record for 273 days under Government Herd Test—
10,610 lb. Milk, 3·17 Test, 336 lb. Butter Fat.

For Full Lactation Period—
13,240 lb. Milk, 3·31 Test, 439 lb. Butter Fat.

The record of the dam—DOMINION MADRIGAL—of the sires "Victoria Songboy" and "Victoria Jo Patch" for 273 days under Government Herd Test is 11,373 lb. Milk, 3·93 Test, 448 lb. Butter Fat; and for Full Lactation Period 13,485 lb. Milk, 4·17 Test, 563 lb. Butter Fat. "DOMINION MADRIGAL" is a full sister to "DOMINION QUEEN MERCEDES," third cow of all breeds under Government Herd Test 1923, and Winner "Weekly Times" Butter Competition, Melbourne Royal Show 1923, and Champion Melbourne Royal Show 1923.

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Sire: Dominion Domino Dutch Boy (73). *Dam:* Dominion Milkmaid (370).

(5) Heifer "VICTORIA BELLONA" - - 3 years old
Sire: Dominion Domino Dutch Boy (73). *Dam:* Dominion Belle Corona (369).

(6) Heifer "VICTORIA CORIANDER" - 3 years old
Sire: Dominion Domino Dutch Boy (73). *Dam:* Dominion Coringa (380).

Inspection of above Bull Calves and Heifers at the State Research Farm, Werribee, is invited.

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DR. S. S. CAMERON, Director of Agriculture, MELBOURNE

DEPARTMENT OF AGRICULTURE, VICTORIA

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The Department has now completed the orders for calves that were booked ahead of calving when the advertisement was withdrawn; consequently the booking of orders for bull calves from the forthcoming calvings has now been resumed.

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Dam: Tonga (253 A.) by Honingham Archbishop (imp.) 9702 (48 A.A.).

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Dam's Dam's	,,	14533 lbs. milk	...	4	years	average	12871 lbs	milk.
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G. Sire's D. Dam's	,,	10215	,,	... 7	,,	,,	9386	,,
G.G. Sire's D. Dam's	,,	12565	,,	... 10	,,	,,	8853	,,
G.G.G. Sire's D. Dam's	,,	10088	,,	... 2	,,	,,	9754	,,

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Visitors will be met at the Station on notifying the Manager, State Research Farm, Werribee.

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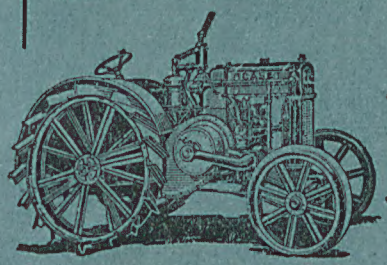

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